



# The Hindu Calendar

## ➤ Gregorian calendar

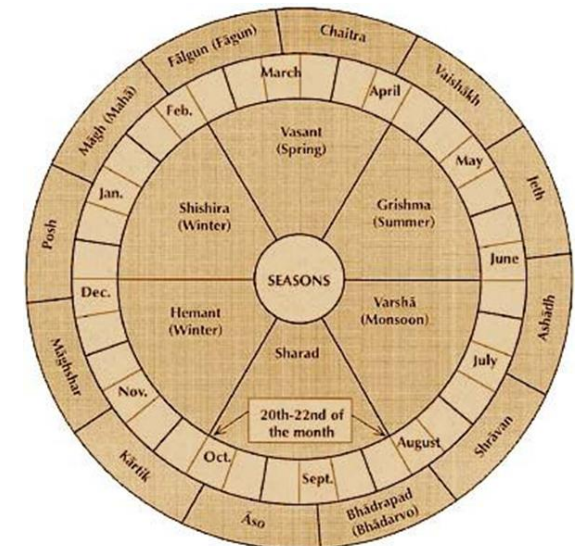
Based on the sun:

- one year - time required for the earth to complete one round around the sun.
- Earth takes 365 days, 5 hours, 48minutes and 46seconds to complete a rotation around the sun.
- In our one year we have 365days, extra hours, minutes and seconds every year, create an extra day (Feb 29th) every four years (Leap Year)



## ➤ The Hindu calendar

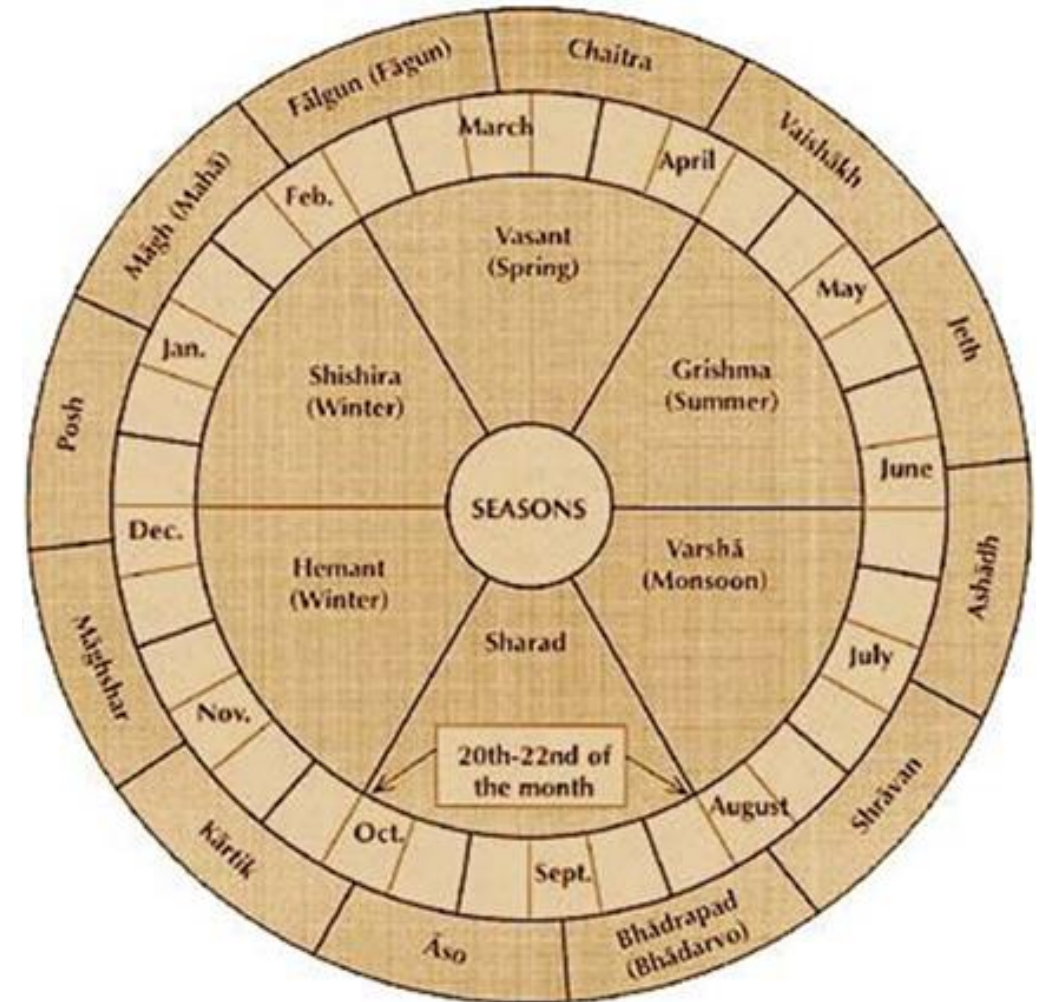
- Originally founded in the Vedic times, and it has gone through number of changes through the ages.
- It is known as Panchang
- A complex calendar, combining:
  - lunar days and months
  - solar days and months
  - the movements of the Sun and the Moon
  - Constellations (Stars and Planets)
  - Tells of auspicious times and days, for various activities



# The Hindu Calendar

- Uses a solar year but divides it into 12 lunar months.
- A lunar month is precisely 29 days, 12 hours, 44 minutes, and 3 seconds long.
- Twelve such months constitute a lunar year of 354 days, 8 hours, 48 minutes, and 36 seconds.
- To match the lunar months with the year, every two and a half year an extra months arises. In other words, every 30 months an extra month is added – Adhik Mas.

The Indian government and businesses use the Gregorian calendar for administrative purposes.



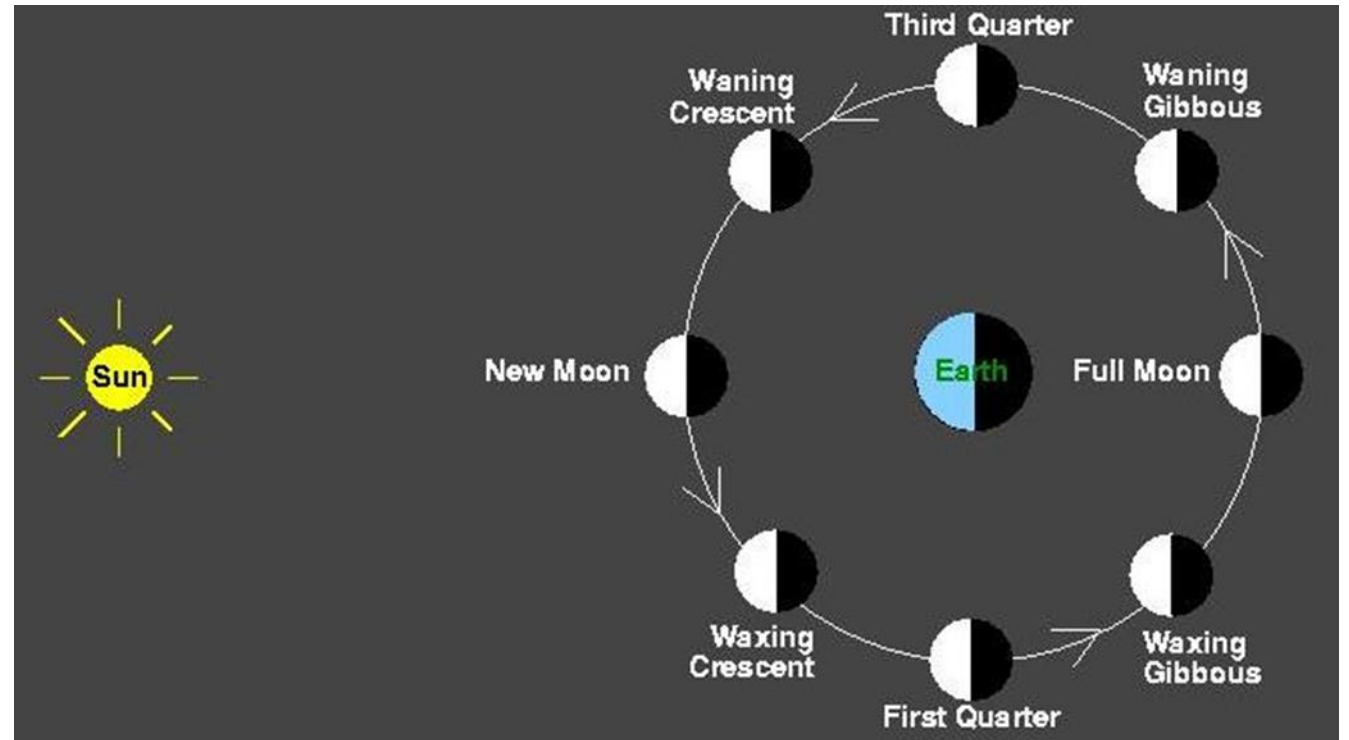
# The Hindu Calendar - Months

There are twelve months of the Hindu calendar.

The Calendar starts with the month Chaitra (new year).

The months start and end in between Gregorian (English) months.

- Chaitra (March – April)
- Vaisakha (April – May)
- Jyaistha (May – June)
- Asadha (June – July)
- Shravana (July – August)
- Bhadrapada (August – September)
- Asvina (September – October)
- Kartika (October – November)
- Margashirsha (November – December)
- Pausa (December – January)
- Magha (January – February)
- Phalguna (February – March)

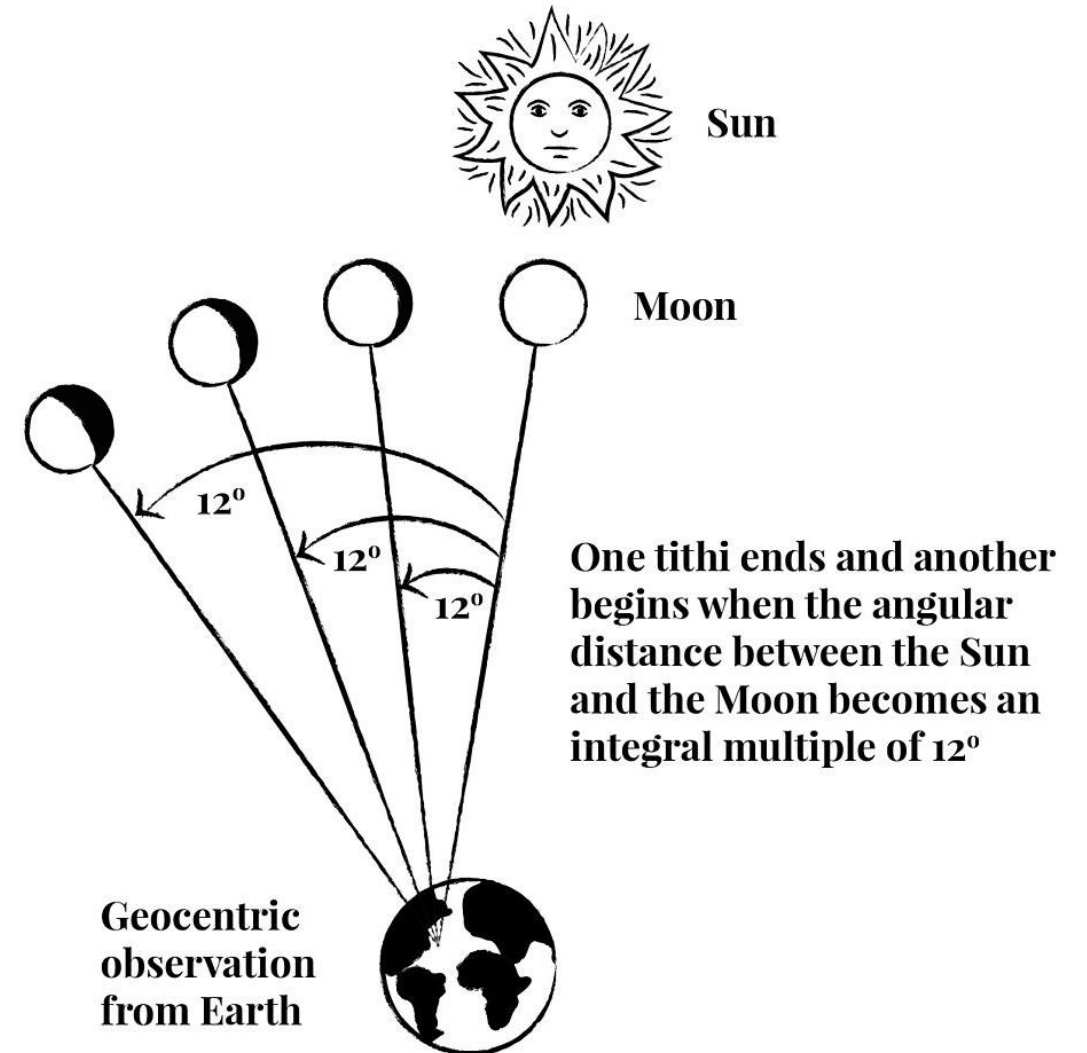
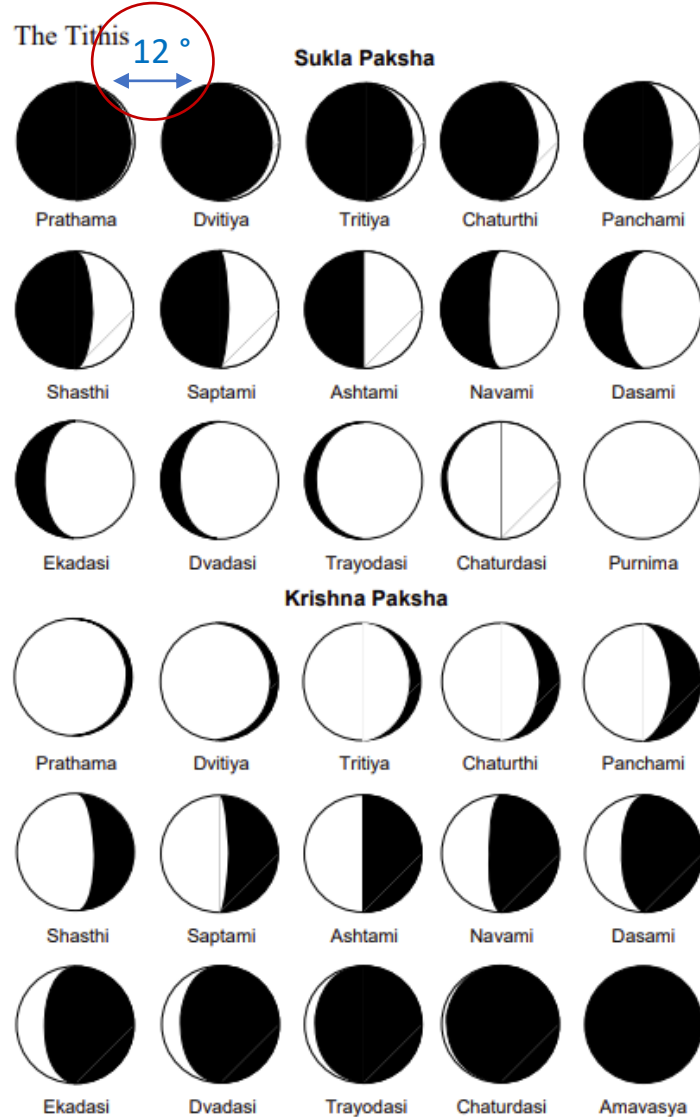


One Lunar Month is the time moon takes to revolve around the earth.  
Lunar Month starts on New Moon and end on New Moon.



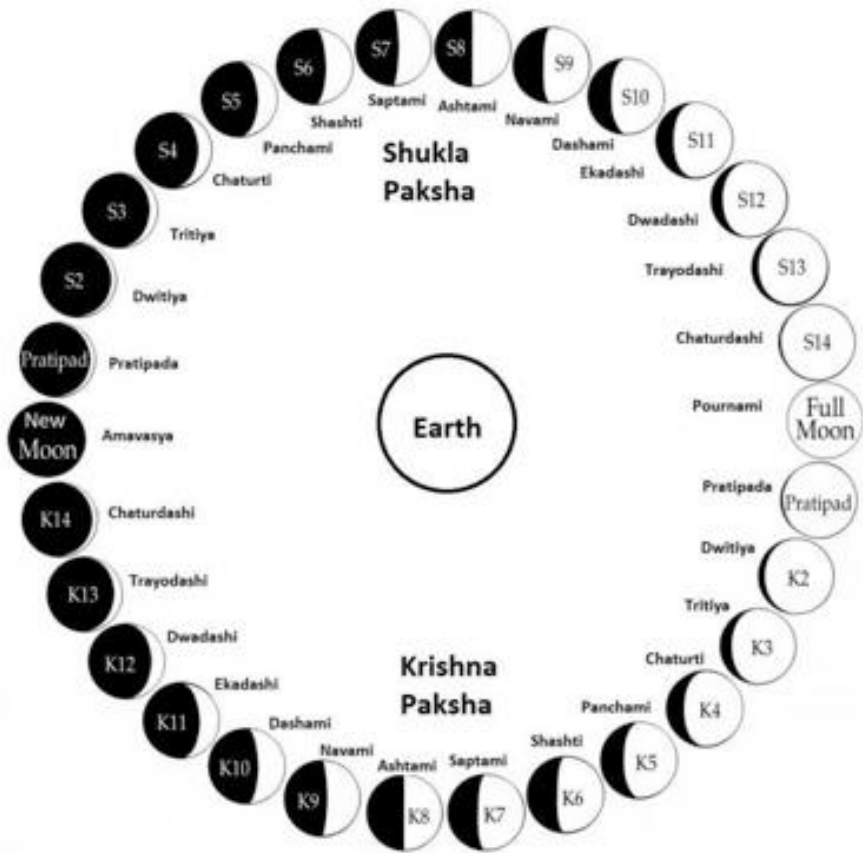
# The Hindu Calendar – Lunar Day

Lunar days are called Tithis. The Tithi system works from full moon night, to new moon night, to full moon night.



# The Hindu Calendar – Tithi

## (Continue)



### 30 Tithis

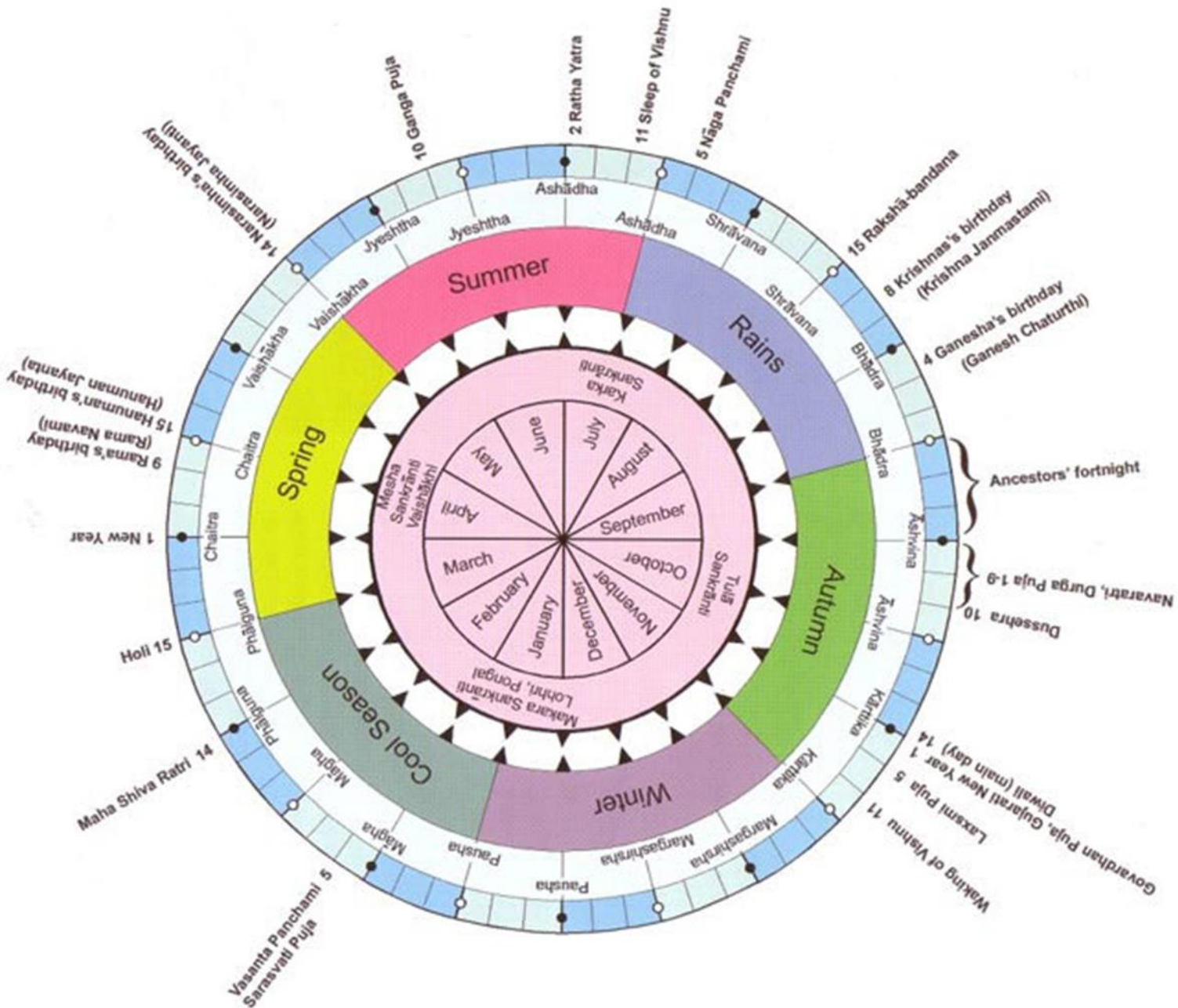
	Shukla paksha (bright fortnight)	Krishna paksha (dark fortnight)
1	Prathama / Padyami	Prathama / Padyami
2	Dwitiya / Vidiya	Dwitiya / Vidiya
3	Tritiya / Thadiya	Tritiya / Thadiya
4	Chaturthi	Chaturthi
5	Panchami	Panchami
6	Shashthi	Shashthi
7	Saptami	Saptami
8	Ashtami	Ashtami
9	Navami	Navami
10	Dashami	Dasami
11	Ekadashi	Ekadasi
12	Dwadashi	Dvadasi
13	Thrayodashi	Trayodasi
14	Chaturdashi	Chaturdashi
15	Purnima or Purnami	Amavasya

**Indian festivals follow  
the Tithis**

This is why they don't  
they don't fall on same  
Gregorian Calendar date  
every year.







2021		
DAY	DATE	HOLIDAY
Thursday	14-Jan-21	Makarsankranti / Pongal
Thursday	28-Jan-21	Thaipusam / Pausa Purnima
<b>Tuesday</b>	<b>16-Feb-21</b>	<b>Vasant Panchami</b>
<b>Thursday</b>	<b>11-Mar-21</b>	<b>Maha Shivaratri</b>
Sunday	27-Mar-21	Holika Dahan
<b>Monday</b>	<b>28-Mar-21</b>	<b>Holi</b>
Friday	21-Apr-21	Ramanavami
Monday	26-Apr-21	Hanuman Jayanti
Friday	14-May-21	Parashurama Jayanti
Monday	24-May-21	Narasimha Jayanti
Wednesday	26-May-21	Budha Purnima (Vaishakha Purnima)
Thursday	9-Jun-21	Savitri Pooja
Saturday	19-Jun-21	Ganga Dussehra
Monday	12-Jul-21	Puri Rath Yatra
<b>Saturday</b>	<b>24-Jul-21</b>	<b>Guru Purnima</b>
Friday	13-Aug-21	Nag Panchami
Friday	20-Aug-21	Varalakshmi Vrat
Saturday	21-Aug-21	Onam
<b>Sunday</b>	<b>21-Aug-21</b>	<b>Raksha Bandhan</b>
<b>Sunday</b>	<b>22-Aug-21</b>	<b>Gayatri Jayanti</b>
Monday	30-Aug-21	Krishna Janmashtami
Friday	10-Sep-21	Ganesh Chaturthi
Friday	17-Sep-21	Vishwakarma Puja
<b>Wednesday</b>	<b>6-Oct-21</b>	<b>Navaratri begins</b>
Wednesday	6-Oct-21	Mahalaya Amavasya
<b>Thursday</b>	<b>14-Oct-21</b>	<b>Navaratri ends / Maha Navami</b>
Friday	15-Oct-21	Dussehra
Tuesday	19-Oct-21	Sharad Purnima
Tuesday	2-Nov-21	Dhan Teras
<b>Thursday</b>	<b>4-Nov-21</b>	<b>Diwali</b>
<b>Saturday</b>	<b>6-Nov-21</b>	<b>Bhai Dooj</b>
Thursday	11-Nov-21	Chhath Puja
Friday	19-Nov-21	Kartik Poornima
Wednesday	24-Nov-21	Karwa Chauth
Sunday	12-Dec-21	Dhanu Sankranti
Tuesday	14-Dec-21	Geeta Jayanti



# Fun Facts

- Earth revolves around the sun 365 days AND 6 hours every year? Every 4 years, those 6 hours add up to a whole day and we get an extra day in our calendar. (February 29)
  - This happens in in the Hindu Calendar; except we get entire leap month! – Adhik Mas
  - We get one every 3 years.
- Different part of India start their calendar differently.
  - For Example, in Gujarat, Kartika is the first month of the year, and so Holi ( in Phalguna) happens on fifth month for Gujaratis (not 12 month elsewhere) and New Year is first day of Kartika (not Chaitra).
- There is a Shivaratri in every month of the Hindu calendar, on the month's 13th night/14th day,
  - but once a year in late winter (February/March, or Phalguna) and before the arrival of Summer, Maha Shivaratri which means "the Great Night of Shiva" is observed.