

Converting Colors

Decimal(16366367)

Have a look what the booklet for
Decimal(16366367) contains.

Decimal(16366367)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16366367)

Conversions

Conversions Part 1

Format	Color
Hex	F9BB1F
RGB	249, 187, 31
RGB Percent	98%, 73%, 12%
CMY	0.0235, 0.2667, 0.8784
CMYK	0.00, 0.25, 0.88, 0.02
HSL	43°, 95%, 55%
HSV	43°, 88%, 98%
XYZ	57.0846, 55.7793, 9.0541
YIQ	187.7540, 87.0280, -35.3720

Conversions

Conversions Part 2

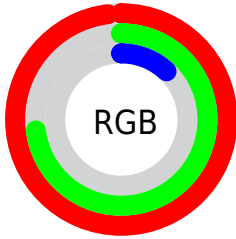
Format	Color
RYB	118, 249, 31
Decimal	16366367
CIELab	79.49, 10.27, 77.34
CIELCh	79, 78.018, 82.437
Yxy	55.7793, 0.4682, 0.4575
Android (android.graphics.Color)	4294556447 (0xFFFF9BB1F)
YUV	187.7540, -77.2797, 53.7127
Hunter-Lab	74.6856, 5.7336, 45.0922

Details

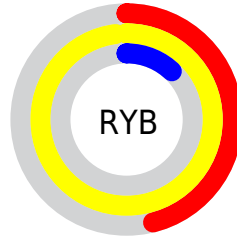
The Decimal color **16366367** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2055673**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16773983**, and **12289536** is the 20% darker color. If you saturate the color by 10%, you get **16364550**, and if you desaturate by 10%, it is **16368184**.

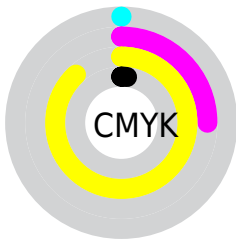
Distribution



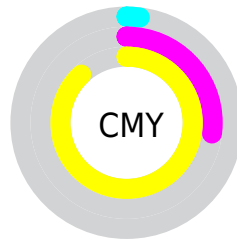
- Red (98%)
- Green (73%)
- Blue (12%)



- Red (46%)
- Yellow (98%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (88%)
- Black (2%)




















- Cyan (2%)
- Magenta (27%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16366367 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 16366367 by changing the saturation by 10% instead.

 16366367	 16366367
16777215	 14327808
 16773983	 12289536
 16777083	 10317056
 16777112	 8410368
 16777140	 6503936
 16777169	 4663296
 16777199	 2954240
	 1245184
	 0

■ 16366367

■ 16366367

■ 16364550

■ 16368184

■ 16364032

■ 16370001

■ 16371818

■ 16373635

■ 16375451

■ 16377268

■ 16379341

■ 16381158

■ 16382975

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16751954



16366367



11915563

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16366367



59386



16751103

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16366367



2055673

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10664447



16366367



57855

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16366367



59055



54271



16744667

Rectangle

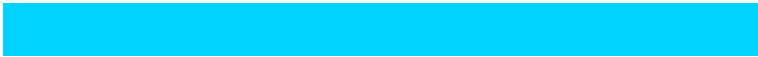
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16366367



8117329



54271



15705343

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16366367



16772285



16326496



8418392



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16366367



16758272



13498655



8223088



12420864



4008960

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2055673



18943



4923385



7369853



14013



4413

Previews

White Background



This preview shows how the Decimal color 16366367 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 16366367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16366367 Background



This preview shows how black text looks on a background with the Decimal color 16366367.



This preview shows how white text looks on a background with the Decimal color 16366367.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
16366367

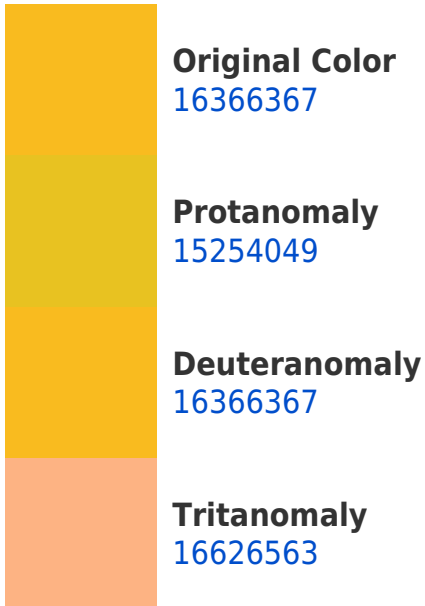
Protanopia
14599714

Deuteranopia
16366367



Tritanopia
16756668

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16366367 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F9BB1F looks like.

```
.text, #text, p{  
    color:#F9BB1F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F9BB1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9BB1F
}
```

Border

The CSS property to change the border of an element to Decimal 16366367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F9BB1F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F9BB1F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F9BB1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9BB1F; -webkit-box-shadow:4px 4px  
4px 4px #F9BB1F; box-shadow:4px 4px 4px  
4px #F9BB1F }
```

Background

The CSS property to change the background color of an element to Decimal 16366367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9BB1F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F9BB1F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor