

# Converting Colors

Decimal(16760385)

Have a look what the booklet for  
Decimal(16760385) contains.

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# **Color**

**Decimal(16760385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBE41
RGB	255, 190, 65
RGB Percent	100%, 75%, 25%
CMY	0.0000, 0.2549, 0.7451
CMYK	0.00, 0.25, 0.75, 0.00
HSL	39°, 100%, 63%
HSV	39°, 75%, 100%
XYZ	60.6076, 58.4686, 13.0922
YIQ	195.1850, 78.8650, -25.0950

# Conversions

## Conversions Part 2

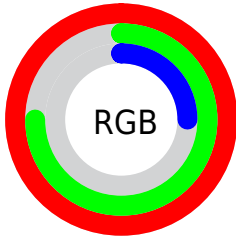
Format	Color
<a href="#">RYB</a>	<a href="#">164, 255, 65</a>
Decimal	<a href="#">16760385</a>
CIELab	<a href="#">81.00, 12.26, 68.52</a>
CIELCh	<a href="#">81, 69.613, 79.853</a>
Yxy	<a href="#">58.4686, 0.4586, 0.4424</a>
Android (android.graphics.Color)	<a href="#">4294950465 (0xFFFFBE41)</a>
YUV	<a href="#">195.1850, -64.1812, 52.4578</a>
Hunter-Lab	<a href="#">76.4647, 7.6696, 43.3737</a>

# Details

The Decimal color **16760385** 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 **4293375**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16774776**, and **12749056** is the 20% darker color. If you saturate the color by 10%, you get **16758055**, and if you desaturate by 10%, it is **16762714**.

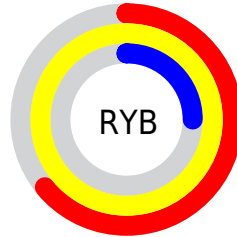
# Distribution



Red (100%)

Green (75%)

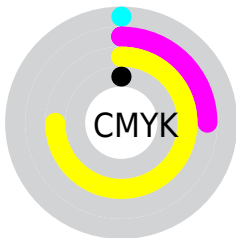
Blue (25%)



Red (64%)

Yellow (100%)

Blue (25%)

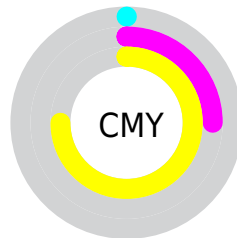


Cyan (0%)

Magenta (25%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (25%)


















Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16760385 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 16760385 by changing the saturation by 10% instead.



 16760385	 16760385
 16777215	 14721826
 16774776	 12749056
 16777108	 10776576
 16777136	 8804096
 16777165	 6897664
 16777194	 5057024
	 3347968
	 1835008
	 0

 16760385

 16760385

 16758055

 16762714

 16755982

 16764788

 16754688

 16767118

 16769447

 16771777

 16773850

 16776179

16777215

# Harmonies

## Analogous

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



16754023



16760385



12768068

# Triad

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



16760385



59891



16754431

# Complementary

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



16760385



4293375

# 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.



10797567



16760385



58623

# Square

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



16760385



59568



55295



16748770

# Rectangle

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



16760385



9559391



55295



15314943



# Sweetspot

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



16760385



16772295



16728451



8418398



0



8421504



# Same Dimension

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



16760385



16757020



14942017



8420211



12549632



4205056



# Inverse Universe

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



4293375



1862399



6177279



7567232



16831



5696



# Previews

## White Background



This preview shows how the Decimal color 16760385 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 16760385 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 16760385 Background



This preview shows how black text looks on a background with the Decimal color 16760385.



This preview shows how white text looks on a background with the Decimal color 16760385.

# 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





**Tritanopia**  
16758465

# Trichromacy



**Original Color**  
16760385

**Protanomaly**  
15517251

**Deuteranomaly**  
16629569

**Tritanomaly**  
16759186

# Monochromacy



**Original Color**  
16760385

**Achromatopsia**  
12829635

**Achromatomaly**  
14270868

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16760385 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 #FFBE41 looks like.

```
.text, #text, p{  
  color:#FFBE41  
}
```

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 #FFBE41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBE41
}
```

## Border

The CSS property to change the border of an element to Decimal 16760385 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
#FFBE41 }
```

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

```
.border{ border-color:#FFBE41 }
```

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

Here you see how a box with a 4 pixel #FFBE41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBE41; -webkit-box-shadow:4px 4px  
4px 4px #FFBE41; box-shadow:4px 4px 4px  
4px #FFBE41 }
```

# Background

The CSS property to change the background color of an element to Decimal 16760385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBE41 }
```

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

```
.background{ background-color:#FFBE41 }
```

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](#).



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