

# Converting Colors

Decimal(16764197)

Have a look what the booklet for  
Decimal(16764197) contains.

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# **Color**

**Decimal(16764197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCD25
RGB	255, 205, 37
RGB Percent	100%, 80%, 15%
CMY	0.0000, 0.1961, 0.8549
CMYK	0.00, 0.20, 0.85, 0.00
HSL	46°, 100%, 57%
HSV	46°, 85%, 100%
XYZ	63.4053, 65.0562, 10.9656
YIQ	200.7980, 83.7280, -41.6480

# Conversions

## Conversions Part 2

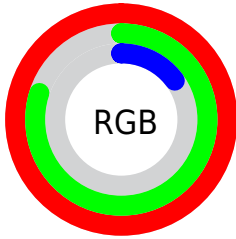
Format	Color
<a href="#">RYB</a>	<a href="#">102, 255, 37</a>
Decimal	<a href="#">16764197</a>
CIELab	<a href="#">84.51, 3.64, 80.25</a>
CIElCh	<a href="#">85, 80.329, 87.403</a>
Yxy	<a href="#">65.0562, 0.4548, 0.4666</a>
Android (android.graphics.Color)	<a href="#">4294954277</a> ( <a href="#">0xFFFFCD25</a> )
YUV	<a href="#">200.7980, -80.7524, 47.5352</a>
Hunter-Lab	<a href="#">80.6574, -0.8307, 48.3996</a>

# Details

The Decimal color **16764197** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2447359**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16777061**, and **12687104** is the 20% darker color. If you saturate the color by 10%, you get **16762636**, and if you desaturate by 10%, it is **16765759**.

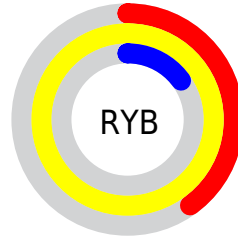
# Distribution



Red (100%)

Green (80%)

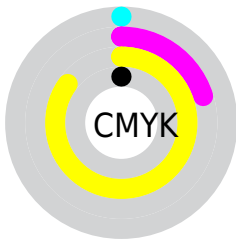
Blue (15%)



Red (40%)

Yellow (100%)

Blue (15%)

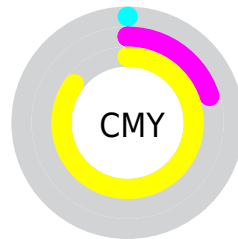


Cyan (0%)

Magenta (20%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (20%)



















Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16764197 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 16764197 by changing the saturation by 10% instead.



 16764197	 16764197
 16777215	 14725632
 16777061	 12687104
 16777090	 10714624
 16777119	 8807680
 16777148	 6900992
 16777177	 5060352
 16777207	 3351040
	 1707264
	 0

■ 16764197

■ 16764197

■ 16762636

■ 16765759

■ 16762112

■ 16767320

■ 16768882

■ 16770187

■ 16771749

■ 16773310

■ 16774872

■ 16776433

16777215

# Harmonies

## Analogous

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



16756561



16764197



11920189

# Triad

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



16764197



63231



16752895

# Complementary

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



16764197



2447359

# 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.



13091583



16764197



61439

# Square

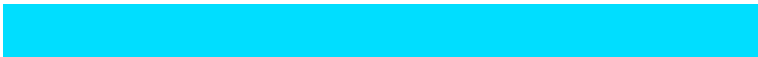
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16764197



63178



57087



16747229

# Rectangle

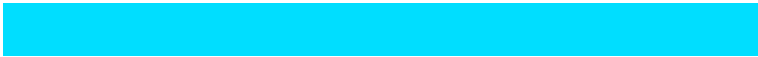
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16764197



7662949



57087



16755711



# Sweetspot

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



16764197



16773309



16721240



8418904



0



8421504



# Same Dimension

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



16764197



16762112



12975909



8420723



12555008



4206848



# Inverse Universe

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



2447359



15103



6235647



7566976



11455



3904



# Previews

## White Background



This preview shows how the Decimal color 16764197 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 16764197 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 16764197 Background



This preview shows how black text looks on a background with the Decimal color 16764197.



This preview shows how white text looks on a background with the Decimal color 16764197.

# 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**  
16764197

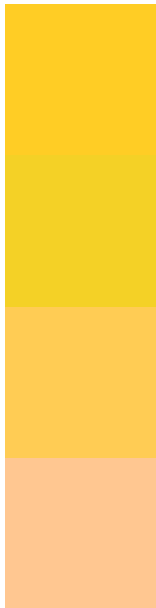
**Protanopia**  
15651879

**Deuteranopia**  
16763759



**Tritanopia**  
16761807

# Trichromacy



**Original Color**  
16764197

**Protanomaly**  
16044326

**Deuteranomaly**  
16763988

**Tritanomaly**  
16762769

# Monochromacy



**Original Color**  
16764197

**Achromatopsia**  
13224393

**Achromatomaly**  
14535309

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16764197 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 #FFCD25 looks like.

```
.text, #text, p{  
    color:#FFCD25  
}
```

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 #FFCD25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCD25  
}
```

## Border

The CSS property to change the border of an element to Decimal 16764197 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  
#FFCD25 }
```

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

```
.border{ border-color:#FFCD25 }
```

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

Here you see how a box with a 4 pixel #FFCD25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCD25; -webkit-box-shadow:4px 4px  
4px 4px #FFCD25; box-shadow:4px 4px 4px  
4px #FFCD25 }
```

# Background

The CSS property to change the background color of an element to Decimal 16764197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCD25 }
```

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

```
.background{ background-color:#FFCD25 }
```

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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