

# Converting Colors

Decimal(16178251)

Have a look what the booklet for  
Decimal(16178251) contains.

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# **Color**

**Decimal(16178251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6DC4B
RGB	246, 220, 75
RGB Percent	96%, 86%, 29%
CMY	0.0353, 0.1373, 0.7059
CMYK	0.00, 0.11, 0.70, 0.04
HSL	51°, 90%, 63%
HSV	51°, 70%, 96%
XYZ	64.8692, 71.2872, 16.9974
YIQ	211.2440, 62.0410, -39.5830

# Conversions

## Conversions Part 2

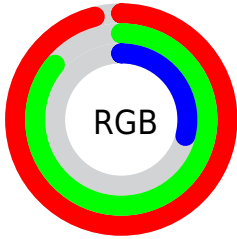
Format	Color
<a href="#">RYB</a>	<a href="#">106, 246, 75</a>
Decimal	<a href="#">16178251</a>
CIELab	<a href="#">87.62, -6.44, 70.97</a>
CIElCh	<a href="#">88, 71.265, 95.182</a>
Yxy	<a href="#">71.2872, 0.4236, 0.4655</a>
Android (android.graphics.Color)	<a href="#">4294368331</a> ( <a href="#">0xFFF6DC4B</a> )
YUV	<a href="#">211.2440, -67.1683, 30.4810</a>
Hunter-Lab	<a href="#">84.4318, -10.6134, 47.1662</a>

# Details

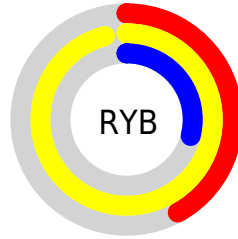
The Decimal color **16178251** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4941302**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16777091**, and **12231936** is the 20% darker color. If you saturate the color by 10%, you get **16177202**, and if you desaturate by 10%, it is **16179300**.

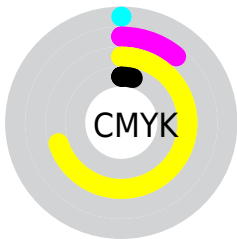
# Distribution



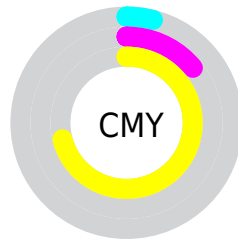
- Red (96%)
- Green (86%)
- Blue (29%)



- Red (42%)
- Yellow (96%)
- Blue (29%)



- Cyan (0%)
- Magenta (11%)
- Yellow (70%)
- Black (4%)




















- Cyan (4%)
- Magenta (14%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16178251 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 16178251 by changing the saturation by 10% instead.



 16178251	 16178251
 16777215	 14204973
 16777091	 12231936
 16777120	 10324736
 16777148	 8417792
 16777177	 6576640
 16777207	 4801280
	 3091712
	 1448192
	 0

16178251

16178251

16177202

16179300

16176410

16180092

16175361

16181141

16175360

16182189

16183238

16184031

16185079

16186111

16187135

# Harmonies

## Analogous

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



16761695



16178251



11529830

# Triad

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



16178251



64511



16755455

# Complementary

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



16178251



4941302

# 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.



15713791



16178251



62207

# Square

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



16178251



64998



6938623



16752339

# Rectangle

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



16178251



7534219



6938623



16757503



# Sweetspot

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



16178251



16775113



16141160



8420192



0



8421504



# Same Dimension

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



16178251



16768811



12449355



8026478



12230144



3879424



# Inverse Universe

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



4941302



2837759



8670198



7237754



7354



2363



# Previews

## White Background



This preview shows how the Decimal color 16178251 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 16178251 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 16178251 Background



This preview shows how black text looks on a background with the Decimal color 16178251.






This preview shows how white text looks on a background with the Decimal color 16178251.

# 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](#).

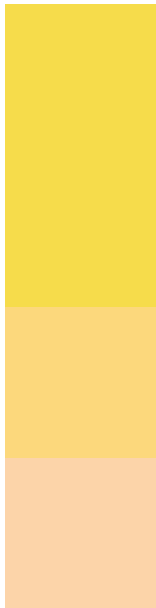
## Dichromacy

	<b>Original Color</b> 16178251
	<b>Protanopia</b> 16178251
	<b>Deuteranopia</b> 16766360



**Tritanopia**  
16764894

# Trichromacy



**Original Color**  
16178251

**Protanomaly**  
16178251

**Deuteranomaly**  
16570492

**Tritanomaly**  
16569513

# Monochromacy



**Original Color**  
16178251

**Achromatopsia**  
13882323

**Achromatomaly**  
14735010

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16178251 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 #F6DC4B looks like.

```
.text, #text, p{  
  color:#F6DC4B  
}
```

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 #F6DC4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6DC4B
}
```

## Border

The CSS property to change the border of an element to Decimal 16178251 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
#F6DC4B }
```

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

```
.border{ border-color:#F6DC4B }
```

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

Here you see how a box with a 4 pixel #F6DC4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6DC4B; -webkit-box-shadow:4px 4px  
4px 4px #F6DC4B; box-shadow:4px 4px 4px  
4px #F6DC4B }
```

# Background

The CSS property to change the background color of an element to Decimal 16178251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6DC4B }
```

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

```
.background{ background-color:#F6DC4B }
```

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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