

# Converting Colors

Decimal(16496211)

Have a look what the booklet for  
Decimal(16496211) contains.

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# **Color**

**Decimal(16496211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBB653
RGB	251, 182, 83
RGB Percent	98%, 71%, 33%
CMY	0.0157, 0.2863, 0.6745
CMYK	0.00, 0.27, 0.67, 0.02
HSL	35°, 95%, 65%
HSV	35°, 67%, 98%
XYZ	58.0729, 54.5897, 15.6597
YIQ	191.3450, 72.9030, -16.1610

# Conversions

## Conversions Part 2

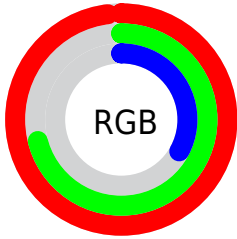
Format	Color
<a href="#">RYB</a>	<a href="#">200, 251, 83</a>
Decimal	<a href="#">16496211</a>
CIELab	<a href="#">78.80, 15.64, 58.67</a>
CIElCh	<a href="#">79, 60.717, 75.076</a>
Yxy	<a href="#">54.5897, 0.4526, 0.4254</a>
Android (android.graphics.Color)	<a href="#">4294686291 (0xFFFBB653)</a>
YUV	<a href="#">191.3450, -53.4141, 52.3174</a>
Hunter-Lab	<a href="#">73.8848, 11.0013, 39.1530</a>

# Details

The Decimal color **16496211** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5478651**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16772744**, and **12484892** is the 20% darker color. If you saturate the color by 10%, you get **16493626**, and if you desaturate by 10%, it is **16498796**.

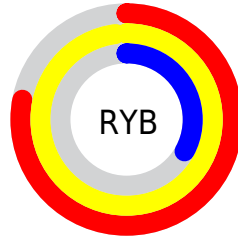
# Distribution



Red (98%)

Green (71%)

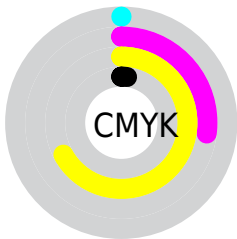
Blue (33%)



Red (78%)

Yellow (98%)

Blue (33%)

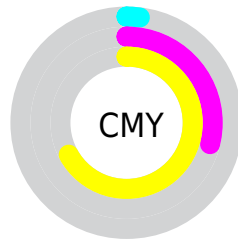


Cyan (0%)

Magenta (27%)

Yellow (67%)

Black (2%)



Cyan (2%)

Magenta (29%)


















Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16496211 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 16496211 by changing the saturation by 10% instead.



 16496211	 16496211
 16777215	 14457657
 16772744	 12484892
 16777124	 10577920
 16777152	 8605696
 16777180	 6764800
 16777209	 4924160
	 3215104
	 1441792
	 0

16496211

16496211

16493626

16498796

16490785

16501637

16488200

16504222

16487424

16506807

16509649

16512234

16514815

16515071

# Harmonies

## Analogous

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



16753013



16496211



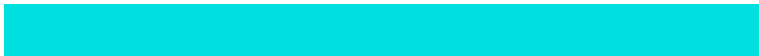
13158736

# Triad

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



16496211



57311



15444479

# Complementary

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



16496211



5478651

# 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.



9814015



16496211



56575

# Square

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



16496211



56740



53759



16750306

# Rectangle

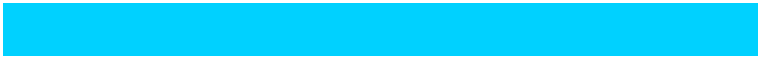
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16496211



10474082



53759



13873407

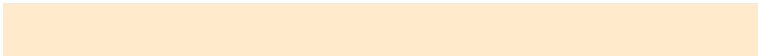


# Sweetspot

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



16496211



16771788



16470937



8418145



0



8421504



# Same Dimension

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



16496211



16755507



15596371



8222832



12414720



4006912



# Inverse Universe

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



5478651



3377151



6378491



7370365



20157



6461



# Previews

## White Background



This preview shows how the Decimal color 16496211 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 16496211 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 16496211 Background



This preview shows how black text looks on a background with the Decimal color 16496211.



This preview shows how white text looks on a background with the Decimal color 16496211.

# 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**  
16496211

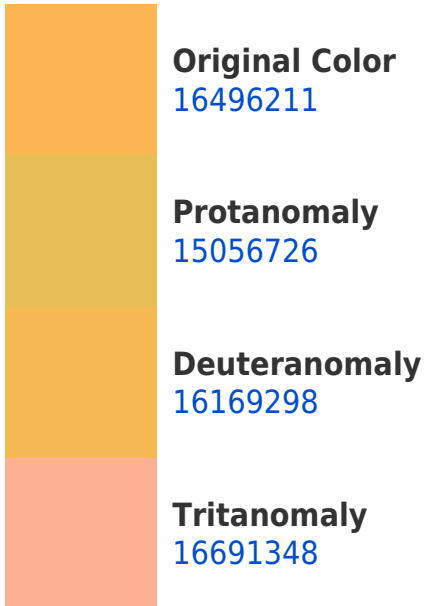
**Protanopia**  
14271575

**Deuteranopia**  
15972946



**Tritanopia**  
16756153

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16496211 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 #FBB653 looks like.

```
.text, #text, p{  
    color:#FBB653  
}
```

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 #FBB653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBB653
}
```

## Border

The CSS property to change the border of an element to Decimal 16496211 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
#FBB653 }
```

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

```
.border{ border-color:#FBB653 }
```

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

Here you see how a box with a 4 pixel #FBB653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBB653; -webkit-box-shadow:4px 4px  
4px 4px #FBB653; box-shadow:4px 4px 4px  
4px #FBB653 }
```

# Background

The CSS property to change the background color of an element to Decimal 16496211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBB653 }
```

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

```
.background{ background-color:#FBB653 }
```

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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