

# Converting Colors

Decimal(16494699)

Have a look what the booklet for  
Decimal(16494699) contains.

<b>Decimal(16494699)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16494699)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBB06B
RGB	251, 176, 107
RGB Percent	98%, 69%, 42%
CMY	0.0157, 0.3098, 0.5804
CMYK	0.00, 0.30, 0.57, 0.02
HSL	29°, 95%, 70%
HSV	29°, 57%, 98%
XYZ	57.9628, 52.6214, 21.0119
YIQ	190.5590, 66.8490, -5.5590

# Conversions

## Conversions Part 2

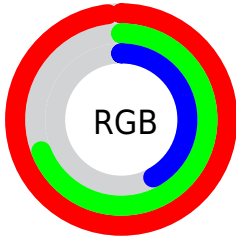
Format	Color
R <sub>Y</sub> B	251, 239, 107
Decimal	16494699
CIE Lab	77.65, 20.34, 45.89
CIE LCh	78, 50.197, 66.097
Yxy	52.6214, 0.4405, 0.3999
Android (android.graphics.Color)	4294684779 (0xFFFB06B)
YUV	190.5590, -41.1946, 53.0068
Hunter-Lab	72.5406, 15.6825, 33.6047

# Details

The Decimal color **16494699** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7059195**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16771232**, and **12548921** is the 20% darker color. If you saturate the color by 10%, you get **16491346**, and if you desaturate by 10%, it is **16498052**.

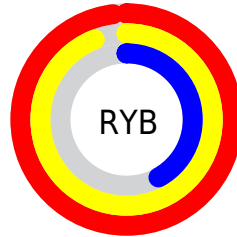
# Distribution



Red (98%)

Green (69%)

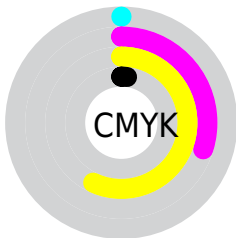
Blue (42%)



Red (98%)

Yellow (94%)

Blue (42%)

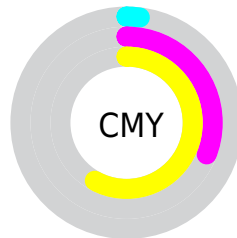


Cyan (0%)

Magenta (30%)

Yellow (57%)

Black (2%)



Cyan (2%)

Magenta (31%)
















Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16494699 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 16494699 by changing the saturation by 10% instead.



 16494699	 16494699
16777215	 14521682
 16771232	 12548921
 16777147	 10641952
 16777175	 8735236
 16777204	 6894336
	 5053696
	 3278848
	 1441792
	 0

16494699

16494699

16491346

16498052

16487993

16501405

16484640

16504758

16481287

16508111

16480256

16511464

16514815

16515071

# Harmonies

## Analogous

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



16753035



16494699



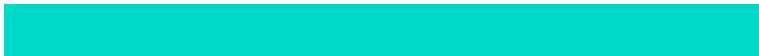
13877345

# Triad

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



16494699



55496



13742335

# Complementary

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



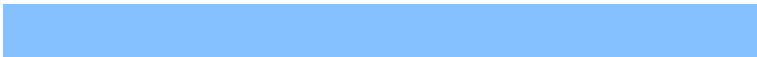
16494699



7059195

# 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.



8765951



16494699



55029

# Square

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



16494699



6673817



53247



16752871

# Rectangle

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



16494699



11782506



53247



12302079

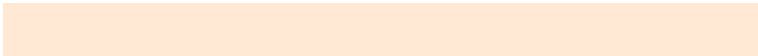


# Sweetspot

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



16494699



16771284



16477112



8417894



0



8421504



# Same Dimension

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



16494699



16753487



16512619



8222320



12409344

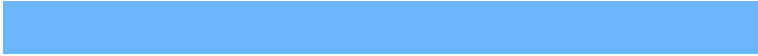


4005120



# Inverse Universe

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



7059195



5221375



7041275



7370621



25277



8253



# Previews

## White Background



This preview shows how the Decimal color 16494699 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 16494699 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

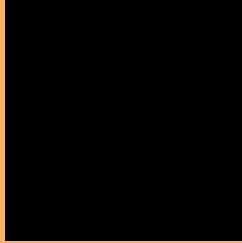
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16494699 Background



This preview shows how black text looks on a background with the Decimal color 16494699.



This preview shows how white text looks on a background with the Decimal color 16494699.

# 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](#).

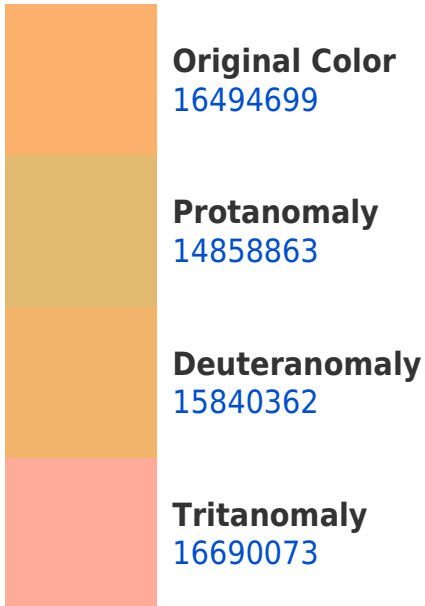
## Dichromacy





**Tritanopia**  
16754868

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16494699 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 #FBB06B looks like.

```
.text, #text, p{  
    color:#FBB06B  
}
```

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 #FBB06B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBB06B
}
```

## Border

The CSS property to change the border of an element to Decimal 16494699 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
#FBB06B }
```

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

```
.border{ border-color:#FBB06B }
```

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

Here you see how a box with a 4 pixel #FBB06B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBB06B; -webkit-box-shadow:4px 4px  
4px 4px #FBB06B; box-shadow:4px 4px 4px  
4px #FBB06B }
```

# Background

The CSS property to change the background color of an element to Decimal 16494699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBB06B }
```

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

```
.background{ background-color:#FBB06B }
```

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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