

# Converting Colors

Decimal(16490607)

Have a look what the booklet for  
Decimal(16490607) contains.

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# **Color**

**Decimal(16490607)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBA06F
RGB	251, 160, 111
RGB Percent	98%, 63%, 44%
CMY	0.0157, 0.3725, 0.5647
CMYK	0.00, 0.36, 0.56, 0.02
HSL	21°, 95%, 71%
HSV	21°, 56%, 98%
XYZ	55.2237, 46.7985, 21.1613
YIQ	181.6230, 69.9650, 4.0530

# Conversions

## Conversions Part 2

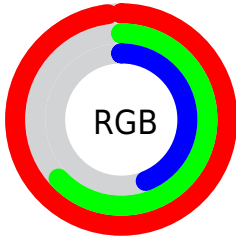
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 186, 111
Decimal	16490607
CIE <sub>Lab</sub>	74.06, 29.03, 39.43
CIE <sub>LCh</sub>	74, 48.961, 53.639
Yxy	46.7985, 0.4483, 0.3799
Android (android.graphics.Color)	4294680687 (0xFFFB06F)
YUV	181.6230, -34.8171, 60.8436
Hunter-Lab	68.4095, 24.3780, 29.5462

# Details

The Decimal color **16490607** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7326459**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16766883**, and **12545086** is the 20% darker color. If you saturate the color by 10%, you get **16486486**, and if you desaturate by 10%, it is **16494728**.

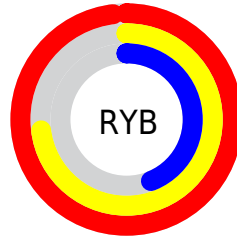
# Distribution



Red (98%)

Green (63%)

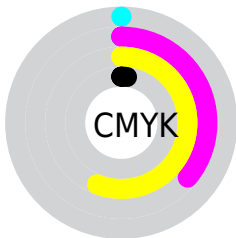
Blue (44%)



Red (98%)

Yellow (73%)

Blue (44%)

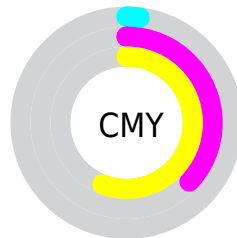


Cyan (0%)

Magenta (36%)

Yellow (56%)

Black (2%)



Cyan (2%)

Magenta (37%)
















Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16490607 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 16490607 by changing the saturation by 10% instead.



 16490607	 16490607
16777215	 14517590
 16766883	 12545086
 16774335	 10572582
 16777179	 8665871
 16777208	 6824704
	 4983552
	 3211264
	 589824
	 0

16490607

16490607

16486486

16494728

16482109

16499105

16477988

16503226

16473867

16507347

16472064

16511725

16515071

# Harmonies

## Analogous

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



16749460



16490607



14331995

# Triad

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



16490607



2346411



11251455

# Complementary

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



16490607



7326459

# Split Complementary

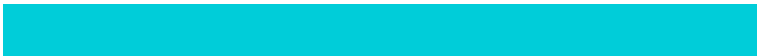
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5488383



16490607



52697

# Square

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



16490607



7915647



51453



15048172

# Rectangle

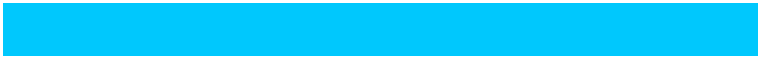
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16490607



12499548



51453



9614591

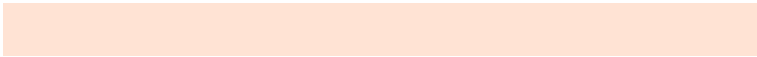


# Sweetspot

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



16490607



16770004



16478154



8417126



0



8421504



# Same Dimension

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



16490607



16748628



16508527



8222064



12403200



4003072

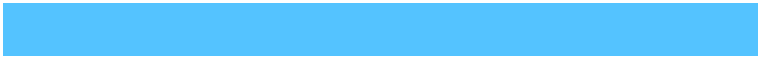


# Inverse Universe

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



7326459



5555199



7308539



7371133



31677



10301



# Previews

## White Background



This preview shows how the Decimal color 16490607 looks on a white background.

## Color Contrast Check

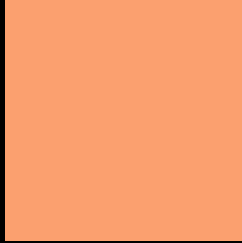
Large Text (above 18pt) WCAG AA × Fail

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 16490607 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 16490607 Background



This preview shows how black text looks on a background with the Decimal color 16490607.

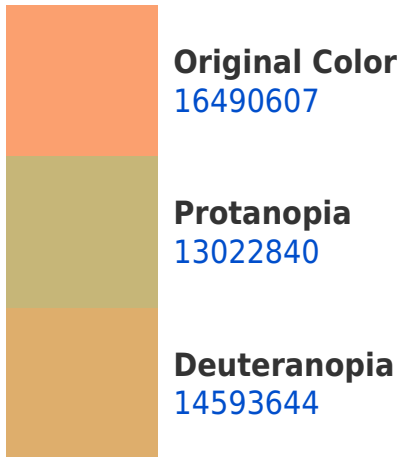


This preview shows how white text looks on a background with the Decimal color 16490607.

# 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](#).

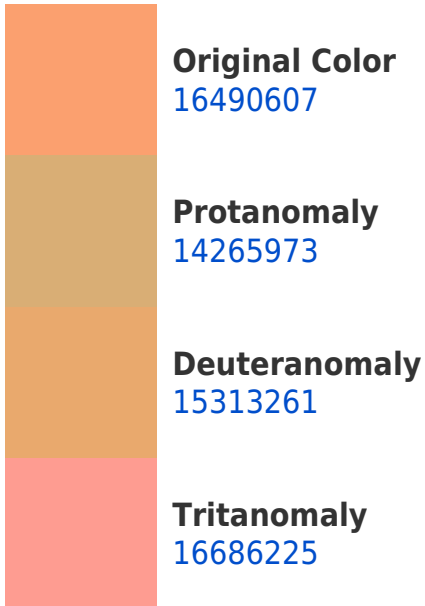
## Dichromacy





**Tritanopia**  
16751013

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16490607 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 #FBA06F looks like.

```
.text, #text, p{  
  color:#FBA06F  
}
```

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 #FBA06F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBA06F
}
```

## Border

The CSS property to change the border of an element to Decimal 16490607 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
#FBA06F }
```

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

```
.border{ border-color:#FBA06F }
```

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

Here you see how a box with a 4 pixel #FBA06F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBA06F; -webkit-box-shadow:4px 4px  
4px 4px #FBA06F; box-shadow:4px 4px 4px  
4px #FBA06F }
```

# Background

The CSS property to change the background color of an element to Decimal 16490607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBA06F }
```

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

```
.background{ background-color:#FBA06F }
```

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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