

# Converting Colors

Decimal(15896399)

Have a look what the booklet for  
Decimal(15896399) contains.

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# **Color**

**Decimal(15896399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F28F4F
RGB	242, 143, 79
RGB Percent	95%, 56%, 31%
CMY	0.0510, 0.4392, 0.6902
CMYK	0.00, 0.41, 0.67, 0.05
HSL	24°, 86%, 63%
HSV	24°, 67%, 95%
XYZ	47.8517, 39.0867, 12.4196
YIQ	165.3050, 79.5480, 1.0840

# Conversions

## Conversions Part 2

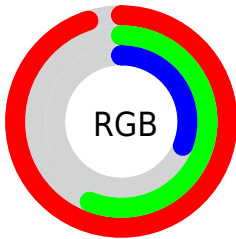
<b>Format</b>	<b>Color</b>
<b>RYB</b>	242, 184, 79
Decimal	15896399
CIELab	68.81, 32.18, 49.24
CIElCh	69, 58.823, 56.829
Yxy	39.0867, 0.4816, 0.3934
Android (android.graphics.Color)	4294086479 (0xFFFF28F4F)
YUV	165.3050, -42.5484, 67.2615
Hunter-Lab	62.5193, 27.2133, 31.9855

# Details

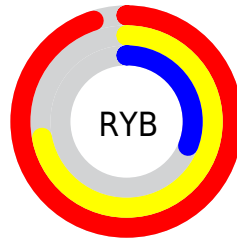
The Decimal color **15896399** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **5223154**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16762242**, and **11885341** is the 20% darker color. If you saturate the color by 10%, you get **15892535**, and if you desaturate by 10%, it is **15900263**.

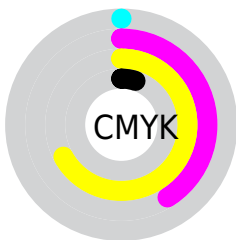
# Distribution



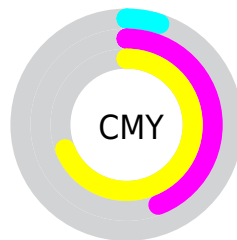
- Red (95%)
- Green (56%)
- Blue (31%)



- Red (95%)
- Yellow (72%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)
- Black (5%)




















- Cyan (5%)
- Magenta (44%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15896399 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 15896399 by changing the saturation by 10% instead.



 15896399	 15896399
16777215	 13858102
 16762242	 11885341
 16769693	 9913088
 16777144	 8006400
 16777173	 6033920
 16777201	 4194304
	 2621441
	 0
 15896399	 15896399

15892535

15900263

15888927

15903871

15885062

15907736

15884032

15911600

15915208

15919072

15922936

15925247

# Harmonies

## Analogous

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



16743803



15896399



13280055

# Triad

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



15896399



49824



10525951

# Complementary

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



15896399



5223154

# 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.



45055



15896399



49622

# Square

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



15896399



5225835



48383



14976739

# Rectangle

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



15896399



11054650



48383



8430591



# Sweetspot

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



15896399



16769228



15880116



8416609



0



8421504



# Same Dimension

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



15896399



16745008



15916879



7893356



12077056



3675648



# Inverse Universe

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



5223154



3190527



5202674



7107448



28856



8760



# Previews

## White Background



This preview shows how the Decimal color 15896399 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 15896399 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

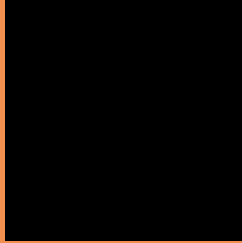
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15896399 Background



This preview shows how black text looks on a background with the Decimal color 15896399.




This preview shows how white text looks on a background with the Decimal color 15896399.

# 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](#).

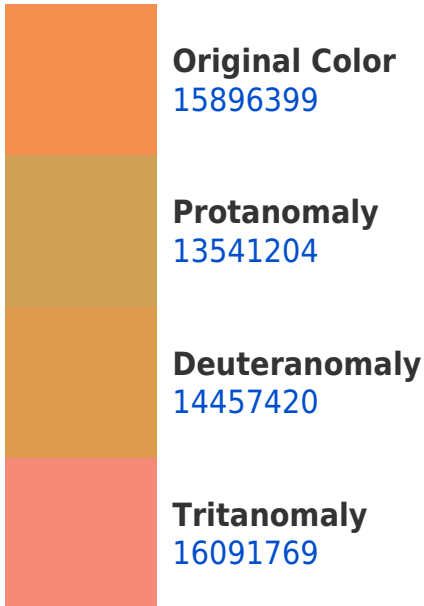
## Dichromacy





**Tritanopia**  
16156561

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15896399 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 #F28F4F looks like.

```
.text, #text, p{  
    color:#F28F4F  
}
```

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 #F28F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F28F4F
}
```

## Border

The CSS property to change the border of an element to Decimal 15896399 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
#F28F4F }
```

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

```
.border{ border-color:#F28F4F }
```

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

Here you see how a box with a 4 pixel #F28F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F28F4F; -webkit-box-shadow:4px 4px  
4px 4px #F28F4F; box-shadow:4px 4px 4px  
4px #F28F4F }
```

# Background

The CSS property to change the background color of an element to Decimal 15896399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F28F4F }
```

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

```
.background{ background-color:#F28F4F }
```

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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