

Converting Colors

Decimal(16759389)

Have a look what the booklet for
Decimal(16759389) contains.

Decimal(16759389)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16759389)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA5D
RGB	255, 186, 93
RGB Percent	100%, 73%, 36%
CMY	0.0000, 0.2706, 0.6353
CMYK	0.00, 0.27, 0.64, 0.00
HSL	34°, 100%, 68%
HSV	34°, 64%, 100%
XYZ	60.7747, 57.1681, 18.1873
YIQ	196.0290, 70.9770, -14.2950

Conversions

Conversions Part 2

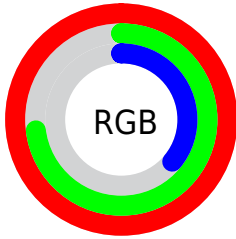
Format	Color
R _Y B	213, 255, 93
Decimal	16759389
CIE Lab	80.27, 15.78, 55.84
CIE LCh	80, 58.032, 74.220
Yxy	57.1681, 0.4464, 0.4200
Android (android.graphics.Color)	4294949469 (0xFFFFBA5D)
YUV	196.0290, -50.7933, 51.7176
Hunter-Lab	75.6096, 11.1608, 38.6650

Details

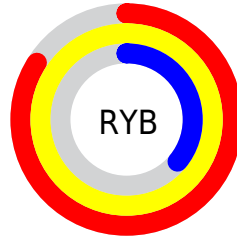
The Decimal color **16759389** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **6136575**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16773778**, and **12748072** is the 20% darker color. If you saturate the color by 10%, you get **16756547**, and if you desaturate by 10%, it is **16762231**.

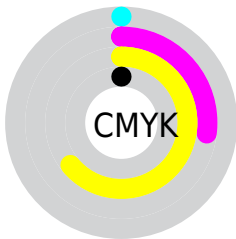
Distribution



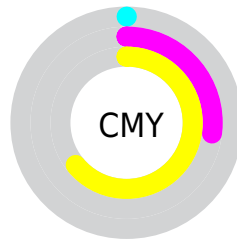
- Red (100%)
- Green (73%)
- Blue (36%)



- Red (84%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (27%)
- Yellow (64%)
- Black (0%)



















- Cyan (0%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16759389 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 16759389 by changing the saturation by 10% instead.

 16759389	 16759389
 16777215	 14720835
 16773778	 12748072
 16777134	 10841095
 16777162	 8934144
 16777190	 7027712
	 5187072
	 3478016
	 1966081
	 0

16759389

16759389

16756547

16762231

16753706

16765072

16750864

16767914

16749056

16770499

16773341

16776182

16777215

Harmonies

Analogous

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



16754302



16759389



13552729

Triad

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



16759389



58336



15511551

Complementary

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



16759389



6136575

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.



10142975



16759389



57343

Square

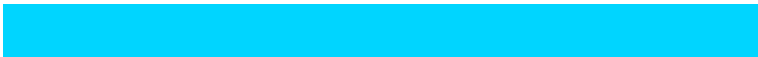
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16759389



3400104



54783



16752102

Rectangle

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



16759389



10999402



54783



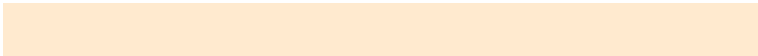
14006015

Sweetspot

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



16759389



16771791



16735651



8418146



0



8421504

Same Dimension

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



16759389



16755773



16056157



8419955



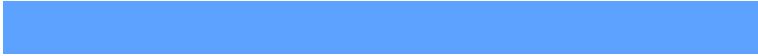
12545536



4203776

Inverse Universe

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



6136575



4034815



6839807



7567488



20927



6976

Previews

White Background



This preview shows how the Decimal color 16759389 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 16759389 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 16759389 Background



This preview shows how black text looks on a background with the Decimal color 16759389.

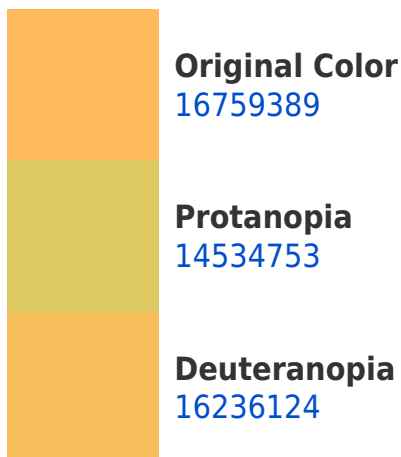


This preview shows how white text looks on a background with the Decimal color 16759389.

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
16757694

Trichromacy



Original Color
16759389

Protanomaly
15319904

Deuteranomaly
16432476

Tritanomaly
16758427

Monochromacy



Original Color
16759389

Achromatopsia
12895428

Achromatomaly
14270623

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16759389 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 #FFBA5D looks like.

```
.text, #text, p{  
  color:#FFBA5D  
}
```

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 #FFBA5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBA5D
}
```

Border

The CSS property to change the border of an element to Decimal 16759389 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
#FFBA5D }
```

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

```
.border{ border-color:#FFBA5D }
```

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

Here you see how a box with a 4 pixel #FFBA5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBA5D; -webkit-box-shadow:4px 4px  
4px 4px #FFBA5D; box-shadow:4px 4px 4px  
4px #FFBA5D }
```

Background

The CSS property to change the background color of an element to Decimal 16759389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBA5D }
```

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

```
.background{ background-color:#FFBA5D }
```

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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