

# Converting Colors

Decimal(16351089)

Have a look what the booklet for  
Decimal(16351089) contains.

<b>Decimal(16351089)</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(16351089)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F97F71
RGB	249, 127, 113
RGB Percent	98%, 50%, 44%
CMY	0.0235, 0.5020, 0.5569
CMYK	0.00, 0.49, 0.55, 0.02
HSL	6°, 92%, 71%
HSV	6°, 55%, 98%
XYZ	49.6369, 36.5107, 20.0539
YIQ	161.8820, 77.2060, 21.5100

# Conversions

## Conversions Part 2

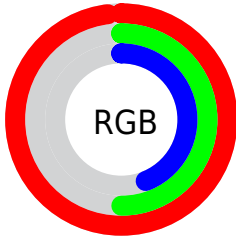
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 129, 113
Decimal	16351089
CIE <sub>Lab</sub>	66.91, 45.28, 29.15
CIE <sub>LCh</sub>	67, 53.858, 32.773
Yxy	36.5107, 0.4674, 0.3438
Android (android.graphics.Color)	4294541169 (0xFFFF97F71)
YUV	161.8820, -24.0988, 76.4025
Hunter-Lab	60.4241, 40.8912, 22.6194

# Details

The Decimal color **16351089** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **7465977**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16758437**, and **12339777** is the 20% darker color. If you saturate the color by 10%, you get **16345432**, and if you desaturate by 10%, it is **16356746**.

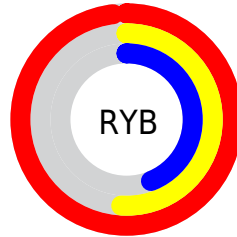
# Distribution



Red (98%)

Green (50%)

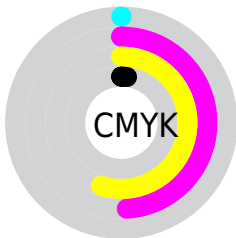
Blue (44%)



Red (98%)

Yellow (51%)

Blue (44%)

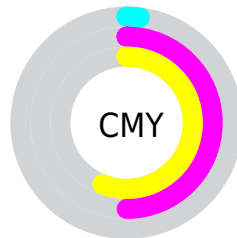


Cyan (0%)

Magenta (49%)

Yellow (55%)

Black (2%)



Cyan (2%)

Magenta (50%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16351089 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 16351089 by changing the saturation by 10% instead.



 16351089

 16351089

16777215

 14312536

 16758437

 12339777

 16765632

 10366763

 16773084

 8392982

 16777209

 6553600

 4587520

 2883585

 0

 16351089

 16351089

■ 16345432

■ 16356746

■ 16339519

■ 16362659

■ 16333862

■ 16368316

■ 16328205

■ 16373973

■ 16325120

■ 16379885

■ 16383999

# Harmonies

## Analogous

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



16480416



16351089



14782540

# Triad

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



16351089



4437877



5023743

# Complementary

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



16351089



7465977

# 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.



46072



16351089



48038

# Square

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



16351089



8957773



47830



11244789

# Rectangle

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



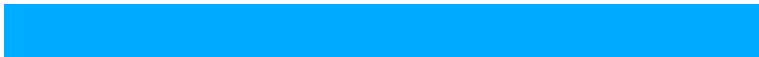
16351089



13147199



47830



44287



# Sweetspot

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



16351089



16767702



16347627



8415847



0



8421504



# Same Dimension

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



16351089



16738391



16368497



8221296



12391168



3999232

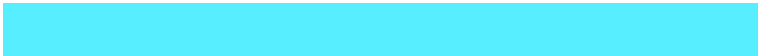


# Inverse Universe

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



7465977



5762815



7448569



7371901



43453



14141



# Previews

## White Background



This preview shows how the Decimal color 16351089 looks on a white background.

## Color Contrast Check

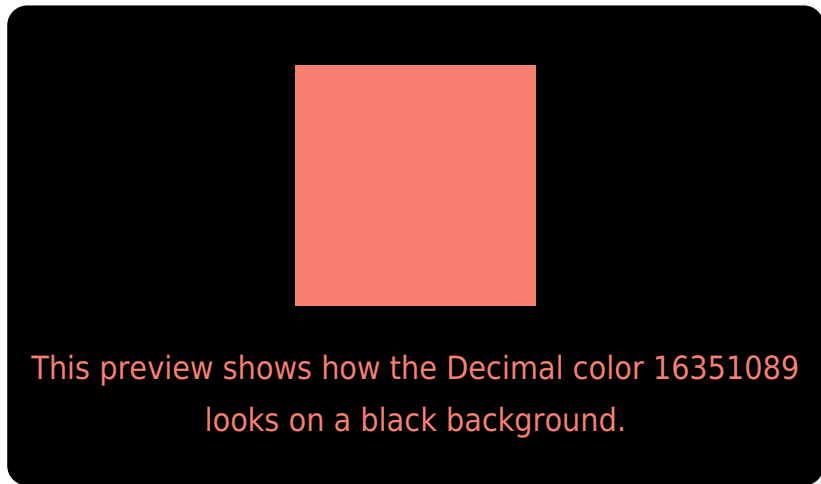
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 16351089 Background



This preview shows how black text looks on a background with the Decimal color 16351089.

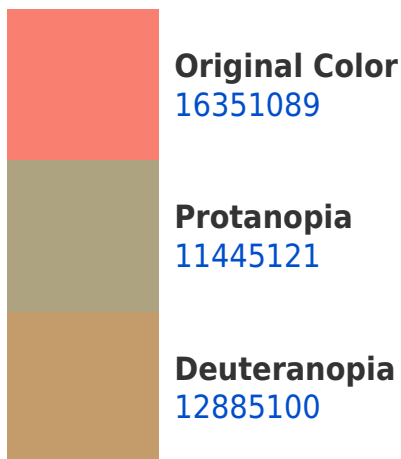



This preview shows how white text looks on a background with the Decimal color 16351089.

# 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**  
16415877

# Trichromacy



**Original Color**  
16351089

**Protanomaly**  
13211259

**Deuteranomaly**  
14127470

**Tritanomaly**  
16416126

# Monochromacy



**Original Color**  
16351089

**Achromatopsia**  
10658466

**Achromatomaly**  
12752272

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16351089 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 #F97F71 looks like.

```
.text, #text, p{  
    color:#F97F71  
}
```

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 #F97F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F97F71
}
```

## Border

The CSS property to change the border of an element to Decimal 16351089 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
#F97F71 }
```

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

```
.border{ border-color:#F97F71 }
```

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

Here you see how a box with a 4 pixel #F97F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F97F71; -webkit-box-shadow:4px 4px  
4px 4px #F97F71; box-shadow:4px 4px 4px  
4px #F97F71 }
```

# Background

The CSS property to change the background color of an element to Decimal 16351089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F97F71 }
```

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

```
.background{ background-color:#F97F71 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor