

# Converting Colors

Decimal(16284249)

Have a look what the booklet for  
Decimal(16284249) contains.

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# **Color**

**Decimal(16284249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F87A59
RGB	248, 122, 89
RGB Percent	97%, 48%, 35%
CMY	0.0275, 0.5216, 0.6510
CMYK	0.00, 0.51, 0.64, 0.03
HSL	12°, 92%, 66%
HSV	12°, 64%, 97%
XYZ	47.4741, 34.5968, 13.6269
YIQ	155.9120, 85.6890, 16.4490

# Conversions

## Conversions Part 2

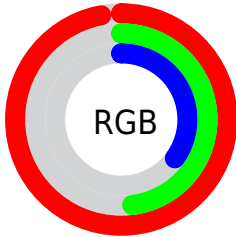
Format	Color
R <sub>Y</sub> B	248, 131, 89
Decimal	16284249
CIE Lab	65.43, 45.71, 40.36
CIE LCh	65, 60.977, 41.447
Yxy	34.5968, 0.4961, 0.3615
Android (android.graphics.Color)	4294474329 (0xFFFF87A59)
YUV	155.9120, -32.9876, 80.7612
Hunter-Lab	58.8190, 41.1378, 27.4373

# Details

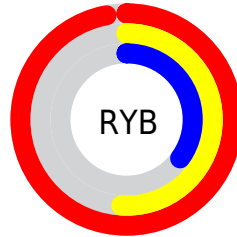
The Decimal color **16284249** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5887992**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16757132**, and **12207402** is the 20% darker color. If you saturate the color by 10%, you get **16279104**, and if you desaturate by 10%, it is **16289394**.

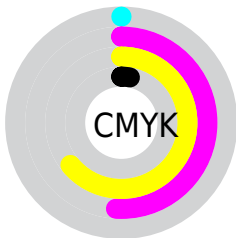
# Distribution



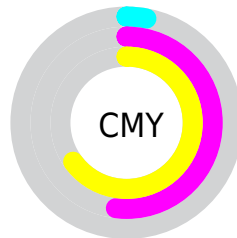
- Red (97%)
- Green (48%)
- Blue (35%)



- Red (97%)
- Yellow (51%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (64%)
- Black (3%)





















- Cyan (3%)
- Magenta (52%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16284249 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 16284249 by changing the saturation by 10% instead.



 16284249	 16284249
 16777215	 14245697
 16757132	 12207402
 16764326	 10168851
 16771778	 8194048
 16777182	 6291456
 16777211	 4390912
	 2555905
	 0
 16284249	 16284249

16279104

16289394

16274215

16294283

16269071

16299427

16265984

16304572

16309461

16314606

16318463

# Harmonies

## Analogous

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



16739468



16284249



14127154

# Triad

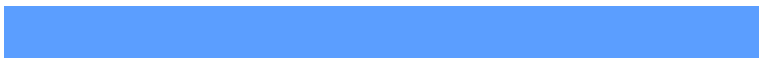
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16284249



46970



6004479

# Complementary

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



16284249



5887992

# 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.



44799



16284249



47539

# Square

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



16284249



7123016



47078



12421105

# Rectangle

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



16284249



12164390



47078



42239



# Sweetspot

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



16284249



16767439



16275928



8415330



0



8421504



# Same Dimension

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



16284249



16737083



16304217



8221552



12396288



4001024



# Inverse Universe

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



5887992



3921663



5868024



7371389



38589



12349



# Previews

## White Background



This preview shows how the Decimal color 16284249 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 16284249 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 16284249 Background



This preview shows how black text looks on a background with the Decimal color 16284249.

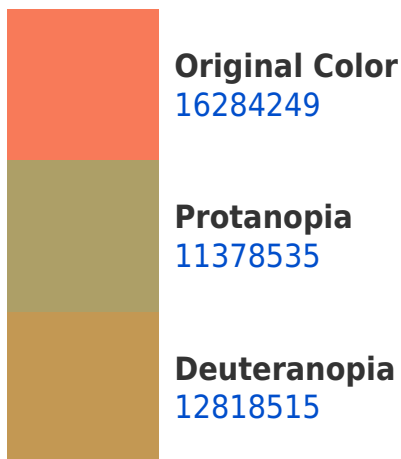


This preview shows how white text looks on a background with the Decimal color 16284249.

# 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**  
16414077

# Trichromacy



**Original Color**  
16284249

**Protanomaly**  
13144674

**Deuteranomaly**  
14060885

**Tritanomaly**  
16349040

# Monochromacy



**Original Color**  
16284249

**Achromatopsia**  
10263708

**Achromatomaly**  
12423300

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16284249 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 #F87A59 looks like.

```
.text, #text, p{  
  color:#F87A59  
}
```

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 #F87A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F87A59
}
```

## Border

The CSS property to change the border of an element to Decimal 16284249 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
#F87A59 }
```

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

```
.border{ border-color:#F87A59 }
```

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

Here you see how a box with a 4 pixel #F87A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F87A59; -webkit-box-shadow:4px 4px  
4px 4px #F87A59; box-shadow:4px 4px 4px  
4px #F87A59 }
```

# Background

The CSS property to change the background color of an element to Decimal 16284249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F87A59 }
```

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

```
.background{ background-color:#F87A59 }
```

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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