

Converting Colors

Decimal(15895374)

Have a look what the booklet for
Decimal(15895374) contains.

Decimal(15895374)	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(15895374)

Conversions

Conversions Part 1

Format	Color
Hex	F28B4E
RGB	242, 139, 78
RGB Percent	95%, 55%, 31%
CMY	0.0510, 0.4549, 0.6941
CMYK	0.00, 0.43, 0.68, 0.05
HSL	22°, 86%, 63%
HSV	22°, 68%, 95%
XYZ	47.2257, 37.8925, 12.0327
YIQ	162.8430, 80.9690, 2.8650

Conversions

Conversions Part 2

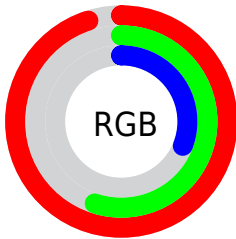
Format	Color
R _Y B	242, 175, 78
Decimal	15895374
CIE Lab	67.94, 34.20, 48.75
CIE LCh	68, 59.552, 54.946
Yxy	37.8925, 0.4861, 0.3900
Android (android.graphics.Color)	4294085454 (0xFFFF28B4E)
YUV	162.8430, -41.8276, 69.4207
Hunter-Lab	61.5569, 29.2184, 31.5003

Details

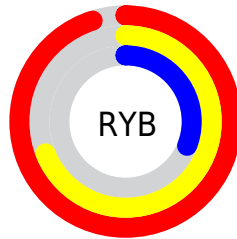
The Decimal color **15895374** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **5158386**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16761217**, and **11884316** is the 20% darker color. If you saturate the color by 10%, you get **15891510**, and if you desaturate by 10%, it is **15899238**.

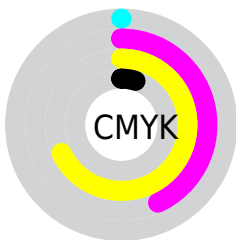
Distribution



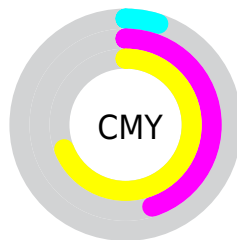
- Red (95%)
- Green (55%)
- Blue (31%)



- Red (95%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (43%)
- Yellow (68%)
- Black (5%)




- Cyan (5%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15895374 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 15895374 by changing the saturation by 10% instead.

 15895374  15895374

16777215  13857077

 16761217  11884316

 16768668  9846528


 16775863  7939584

 16777171  6032384

 16777200  4128768

 2555905

 0

 15895374  15895374

15891510

15899238

15887646

15903102

15883525

15907223

15882752

15911087

15914951

15918815

15922679

15925247

Harmonies

Analogous

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



16742779



15895374



13279283

Triad

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



15895374



49050



10001407

Complementary

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



15895374



5158386

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



15895374



49105

Square

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



15895374



5356133



47869



14583268

Rectangle

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



15895374



11119413



47869



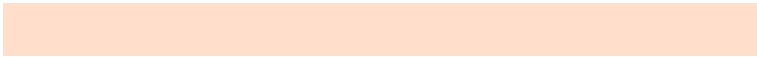
7709439

Sweetspot

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



15895374



16768972



15879862



8416353



0



8421504

Same Dimension

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



15895374



16743728



15916110



7893100



12076032



3675392

Inverse Universe

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



5158386



3191551



5137650



7107448



29624



9016

Previews

White Background



This preview shows how the Decimal color 15895374 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 15895374 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 15895374 Background



This preview shows how black text looks on a background with the Decimal color 15895374.




This preview shows how white text looks on a background with the Decimal color 15895374.

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](#).

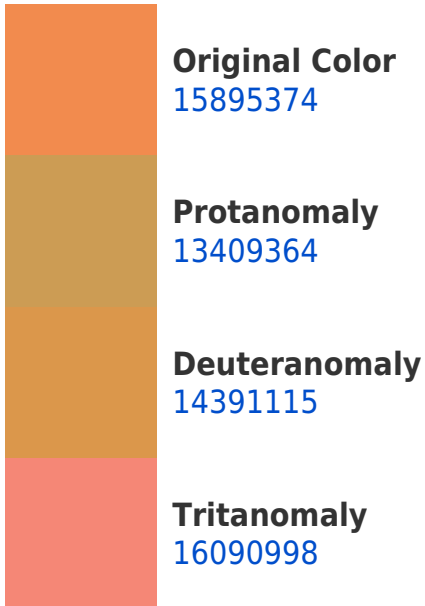
Dichromacy





Tritanopia
16155789

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15895374 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 #F28B4E looks like.

```
.text, #text, p{  
    color:#F28B4E  
}
```

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 #F28B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F28B4E
}
```

Border

The CSS property to change the border of an element to Decimal 15895374 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
#F28B4E }
```

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

```
.border{ border-color:#F28B4E }
```

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

Here you see how a box with a 4 pixel #F28B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F28B4E; -webkit-box-shadow:4px 4px  
4px 4px #F28B4E; box-shadow:4px 4px 4px  
4px #F28B4E }
```

Background

The CSS property to change the background color of an element to Decimal 15895374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F28B4E }
```

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

```
.background{ background-color:#F28B4E }
```

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