

# Converting Colors

Decimal(15698294)

Have a look what the booklet for  
Decimal(15698294) contains.

<b>Decimal(15698294)</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(15698294)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF8976
RGB	239, 137, 118
RGB Percent	94%, 54%, 46%
CMY	0.0627, 0.4627, 0.5373
CMYK	0.00, 0.43, 0.51, 0.06
HSL	9°, 79%, 70%
HSV	9°, 51%, 94%
XYZ	47.8123, 37.5500, 21.8674
YIQ	165.3320, 66.8910, 15.7150

# Conversions

## Conversions Part 2

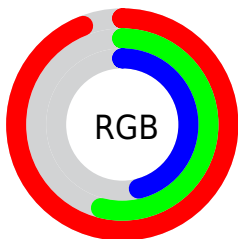
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 141, 118
Decimal	15698294
CIE Lab	67.69, 36.93, 27.17
CIE LCh	68, 45.845, 36.339
Yxy	37.5500, 0.4459, 0.3502
Android (android.graphics.Color)	4293888374 (0xFFEF8976)
YUV	165.3320, -23.3347, 64.6068
Hunter-Lab	61.2781, 32.0381, 21.7367

# Details

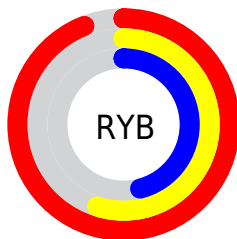
The Decimal color **15698294** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7789807**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16761002**, and **11752773** is the 20% darker color. If you saturate the color by 10%, you get **15693150**, and if you desaturate by 10%, it is **15703438**.

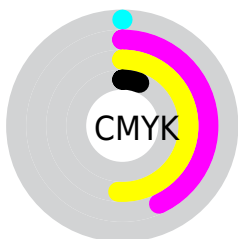
# Distribution



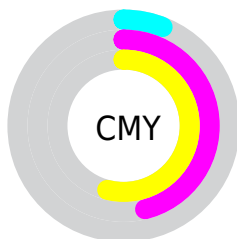
- Red (94%)
- Green (54%)
- Blue (46%)



- Red (94%)
- Yellow (55%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (46%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15698294 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 15698294 by changing the saturation by 10% instead.



 15698294

 15698294

16777215

 13725533

 16761002

 11752773

 16768198

 9845807

 16775650

 7938841

16777214

 6096128

 4259840

 2621441

 0

 15698294

 15698294

■ 15693150

■ 15703438

■ 15688006

■ 15708582

■ 15682862

■ 15713726

■ 15677462

■ 15719126

■ 15672832

■ 15724269

■ 15728639

# Harmonies

## Analogous

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



15958942



15698294



14260057

# Triad

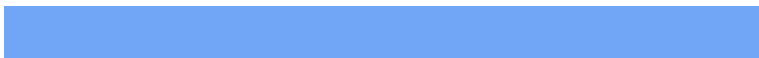
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15698294



5421186



7448311

# Complementary

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



15698294



7789807

# 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.



45808



15698294



47789

# Square

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



15698294



9089376



47573



11835368

# Rectangle

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



15698294



12820817



47573



5483511

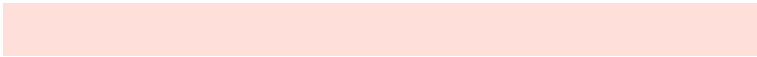


# Sweetspot

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



15698294



16768985



15693533



8416361



0



8421504



# Same Dimension

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



15698294



16743523



15713654



7892588



12066048



3672320

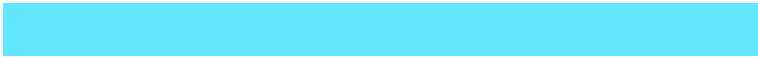


# Inverse Universe

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



7789807



6547455



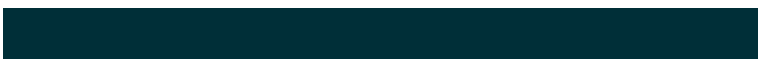
7774447



7108216



39864



12088



# Previews

## White Background



This preview shows how the Decimal color 15698294 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 15698294 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 15698294 Background



This preview shows how black text looks on a background with the Decimal color 15698294.

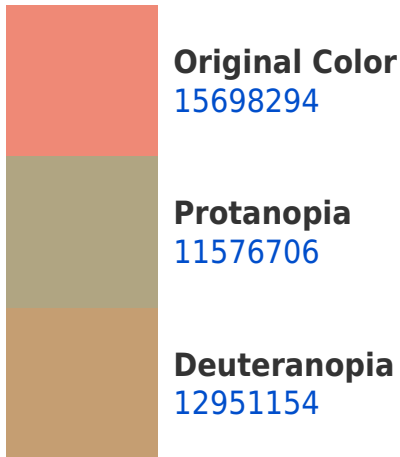



This preview shows how white text looks on a background with the Decimal color 15698294.

# 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**  
15828367

# Trichromacy



**Original Color**  
15698294

**Protanomaly**  
13081470

**Deuteranomaly**  
13932147

**Tritanomaly**  
15763078

# Monochromacy



**Original Color**  
15698294

**Achromatopsia**  
10855845

**Achromatomaly**  
12622740

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15698294 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 #EF8976 looks like.

```
.text, #text, p{  
    color:#EF8976  
}
```

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 #EF8976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF8976
}
```

## Border

The CSS property to change the border of an element to Decimal 15698294 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
#EF8976 }
```

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

```
.border{ border-color:#EF8976 }
```

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

Here you see how a box with a 4 pixel #EF8976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF8976; -webkit-box-shadow:4px 4px  
4px 4px #EF8976; box-shadow:4px 4px 4px  
4px #EF8976 }
```

# Background

The CSS property to change the background color of an element to Decimal 15698294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF8976 }
```

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

```
.background{ background-color:#EF8976 }
```

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