

Converting Colors

Decimal(15958376)

Have a look what the booklet for
Decimal(15958376) contains.

Decimal(15958376)	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(15958376)

Conversions

Conversions Part 1

Format	Color
Hex	F38168
RGB	243, 129, 104
RGB Percent	95%, 51%, 41%
CMY	0.0471, 0.4941, 0.5922
CMYK	0.00, 0.47, 0.57, 0.05
HSL	11°, 85%, 68%
HSV	11°, 57%, 95%
XYZ	47.3111, 35.7547, 17.5045
YIQ	160.2360, 75.9690, 16.3930

Conversions

Conversions Part 2

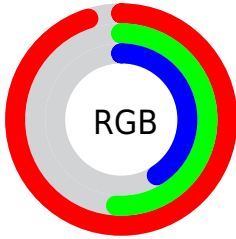
Format	Color
RYB	243, 134, 104
Decimal	15958376
CIELab	66.33, 41.38, 33.20
CIElCh	66, 53.053, 38.744
Yxy	35.7547, 0.4704, 0.3555
Android (android.graphics.Color)	4294148456 (0xFFFF38168)
YUV	160.2360, -27.7243, 72.5840
Hunter-Lab	59.7952, 36.5909, 24.5001

Details

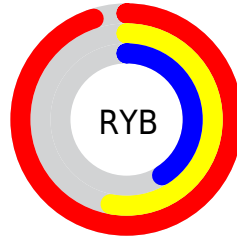
The Decimal color **15958376** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6871795**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16758940**, and **11947320** is the 20% darker color. If you saturate the color by 10%, you get **15953232**, and if you desaturate by 10%, it is **15963520**.

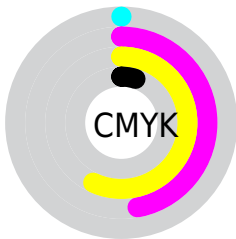
Distribution



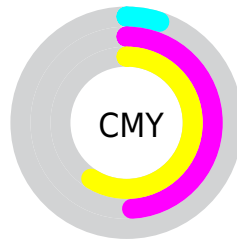
- Red (95%)
- Green (51%)
- Blue (41%)



- Red (95%)
- Yellow (53%)
- Blue (41%)



- Cyan (0%)
- Magenta (47%)
- Yellow (57%)
- Black (5%)



- Cyan (5%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15958376 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 15958376 by changing the saturation by 10% instead.

 15958376

 15958376

16777215

 13920080


 16758940

 11947320

 16766135

 9974562

 16773586

 8067085

 16777199

 6160384

 4259840

 2555905

 0

 15958376

 15958376

 15953232

 15963520

 15948087

 15968665

 15942943

 15973809

 15937799

 15978953

 15936512

 15984097

 15989242

 15990783

Harmonies

Analogous

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



16414869



15958376



14193223

Triad

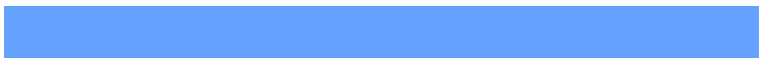
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15958376



3061629



6660863

Complementary

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



15958376



6871795

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.



45306



15958376



47534

Square

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



15958376



8171347



47068



12029932

Rectangle

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



15958376



12492349



47068



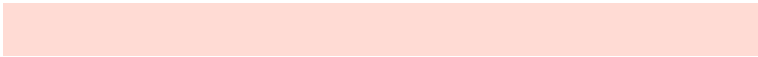
3647487

Sweetspot

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



15958376



16767956



15952092



8416102



0



8421504

Same Dimension

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



15958376



16740175



15975784



8024174



12198144



3869440

Inverse Universe

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



6871795



5234687



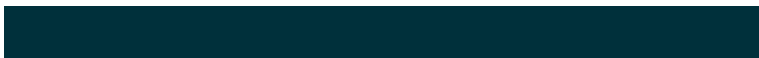
6854387



7239802



39354



12347

Previews

White Background



This preview shows how the Decimal color 15958376 looks on a white background.

Color Contrast Check

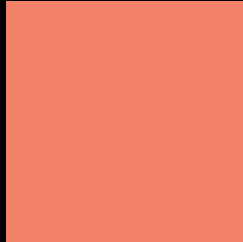
Large Text (above 18pt) WCAG AA × Fail

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 15958376 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 15958376 Background



This preview shows how black text looks on a background with the Decimal color 15958376.



This preview shows how white text looks on a background with the Decimal color 15958376.

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
16088454

Trichromacy



Original Color
15958376

Protanomaly
13080176

Deuteranomaly
13996389

Tritanomaly
16023163

Monochromacy



Original Color
15958376

Achromatopsia
10526880

Achromatomaly
12490124

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15958376 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 #F38168 looks like.

```
.text, #text, p{  
    color:#F38168  
}
```

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 #F38168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F38168
}
```

Border

The CSS property to change the border of an element to Decimal 15958376 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
#F38168 }
```

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

```
.border{ border-color:#F38168 }
```

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

Here you see how a box with a 4 pixel #F38168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F38168; -webkit-box-shadow:4px 4px  
4px 4px #F38168; box-shadow:4px 4px 4px  
4px #F38168 }
```

Background

The CSS property to change the background color of an element to Decimal 15958376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F38168 }
```

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

```
.background{ background-color:#F38168 }
```

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