

# Converting Colors

Hex(F28460)

Have a look what the booklet for  
Hex(F28460) contains.

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# **Color**

**Hex(F28460)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F28460
RGB	242, 132, 96
RGB Percent	95%, 52%, 38%
CMY	0.0510, 0.4824, 0.6235
CMYK	0.00, 0.45, 0.60, 0.05
HSL	15°, 85%, 66%
HSV	15°, 60%, 95%
XYZ	46.9805, 36.2243, 15.5822
YIQ	160.7860, 77.1160, 12.1240

# Conversions

## Conversions Part 2

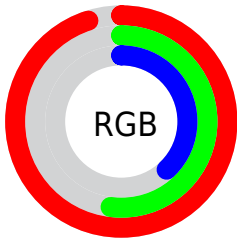
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 144, 96
Decimal	15893600
CIE <sub>Lab</sub>	66.69, 38.91, 37.96
CIE <sub>LCh</sub>	67, 54.355, 44.293
Yxy	36.2243, 0.4756, 0.3667
Android (android.graphics.Color)	4294083680 (0xFFFF28460)
YUV	160.7860, -31.9395, 71.2247
Hunter-Lab	60.1866, 34.0071, 26.7806

# Details

The Hex color **F28460** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60CEF2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFBA93**, and **B55030** is the 20% darker color. If you saturate the color by 10%, you get **F27248**, and if you desaturate by 10%, it is **F29678**.

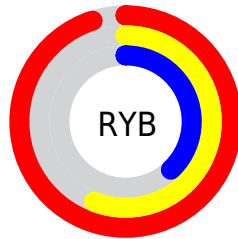
# Distribution



Red (95%)

Green (52%)

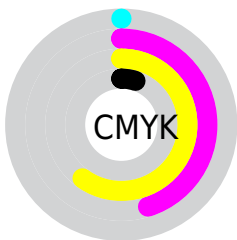
Blue (38%)



Red (95%)

Yellow (56%)

Blue (38%)

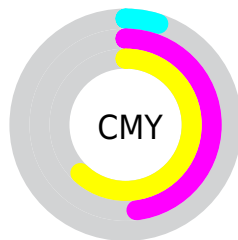


Cyan (0%)

Magenta (45%)

Yellow (60%)

Black (5%)



Cyan (5%)

Magenta (48%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F28460 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 Hex color F28460 by changing the saturation by 10% instead.



 F28460

 F28460

FFFFFF

 D36A48

 FFBA93

 B55030

 FFD7AE

 97371A

 FFF4CA

 7A1D02

 FFFFE6

 5D0000

 400000

 260001

 000000

 F28460

 F28460

 F27248

 F29678

 F26030

 F2A890

 F24D17

 F2BBA9

 F23C00

 F2CDC1

 F2DFD9

 F2F1F1

 F2FFFF

# Harmonies

## Analogous

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



FD788D



F28460



D39641

# Triad

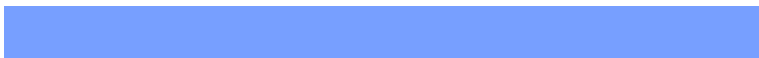
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F28460



00B986



779FFF

# Complementary

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



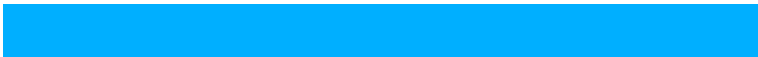
F28460



60CEF2

# 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.



00AFFF



F28460



00BBB9

# Square

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



F28460



70B259



00B8E5



C48CE9

# Rectangle

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



F28460



B7A23B



00B8E5



50A5FF

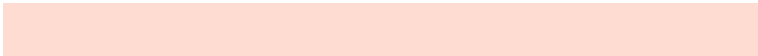


# Sweetspot

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



F28460



FFDCD1



F260D0



806A63



000000



808080



# Same Dimension

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



F28460



FF7547



F2CB60



786F6C



B82D00



380E00



# Inverse Universe

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



60CEF2



47D2FF



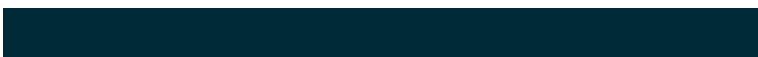
6087F2



6C7578



008AB8



002A38



# Previews

## White Background



This preview shows how the Hex color F28460 looks on a white background.

## Color Contrast Check

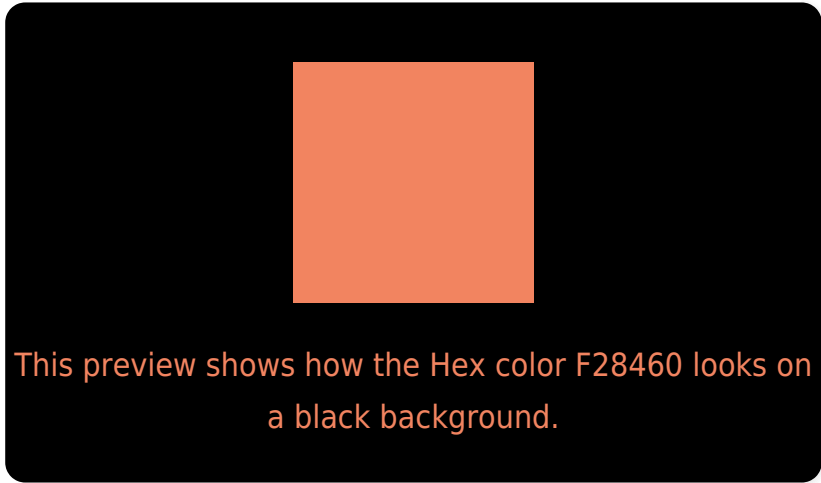
Large Text (above 18pt) WCAG AA × Fail

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](#).



## Hex F28460 Background



This preview shows how black text looks on a background with the Hex color F28460.

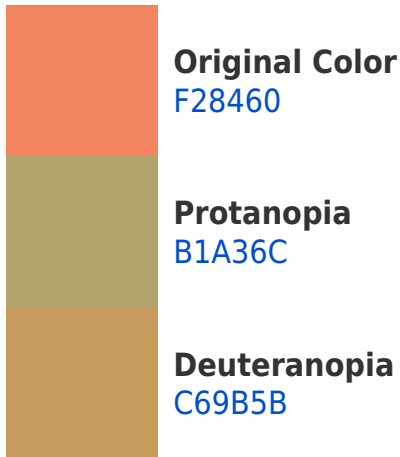


This preview shows how white text looks on a background with the Hex color F28460.

# 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**  
F57F88

# Trichromacy



**Original Color**  
F28460

**Protanomaly**  
C99868

**Deuteranomaly**  
D6935D

**Tritanomaly**  
F48179

# Monochromacy



**Original Color**  
F28460

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
BE9689

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F28460 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 #F28460 looks like.

```
.text, #text, p{  
    color:#F28460  
}
```

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 #F28460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F28460
}
```

## Border

The CSS property to change the border of an element to Hex F28460 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
#F28460 }
```

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

```
.border{ border-color:#F28460 }
```

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

Here you see how a box with a 4 pixel #F28460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F28460; -webkit-box-shadow:4px 4px  
4px 4px #F28460; box-shadow:4px 4px 4px  
4px #F28460 }
```

# Background

The CSS property to change the background color of an element to Hex F28460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F28460 }
```

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

```
.background{ background-color:#F28460 }
```

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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