

# Converting Colors

Hex(FA8150)

Have a look what the booklet for  
Hex(FA8150) contains.

<b>Hex(FA8150)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(FA8150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA8150
RGB	250, 129, 80
RGB Percent	98%, 51%, 31%
CMY	0.0196, 0.4941, 0.6863
CMYK	0.00, 0.48, 0.68, 0.02
HSL	17°, 94%, 65%
HSV	17°, 68%, 98%
XYZ	48.7226, 36.6037, 12.0867
YIQ	159.5930, 87.8450, 10.4130

# Conversions

## Conversions Part 2

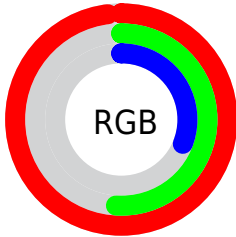
Format	Color
R <sub>Y</sub> B	250, 149, 80
Decimal	16417104
CIE Lab	66.98, 42.49, 46.95
CIE LCh	67, 63.322, 47.850
Yxy	36.6037, 0.5002, 0.3758
Android (android.graphics.Color)	4294607184 (0xFFFA8150)
YUV	159.5930, -39.2393, 79.2869
Hunter-Lab	60.5010, 37.8726, 30.5059

# Details

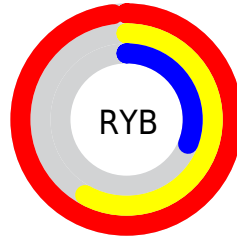
The Hex color **FA8150** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **50C9FA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB883**, and **BC4D20** is the 20% darker color. If you saturate the color by 10%, you get **FA6F37**, and if you desaturate by 10%, it is **FA9369**.

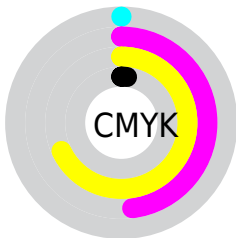
# Distribution



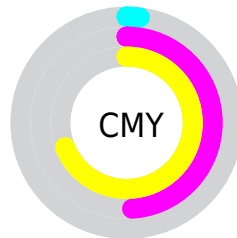
- Red (98%)
- Green (51%)
- Blue (31%)



- Red (98%)
- Yellow (58%)
- Blue (31%)



- Cyan (0%)
- Magenta (48%)
- Yellow (68%)
- Black (2%)



- Cyan (2%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA8150 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 FA8150 by changing the saturation by 10% instead.



 FA8150

 FA8150

FFFFFF

 DB6738

 FFB883

 BC4D20

 FFD49D

 9D3305

 FFF1B9

 7F1700

 FFFFD5

 610000

 FFFFF1

 440000

 2A0001

 000000

 FA8150

 FA8150

FA6F37

FA9369

FA5D1E

FAA582

FA4C05

FAB69B

FA4800

FAC8B4

FADACD

FAECE6

FAFEFF

FAFFFF

# Harmonies

## Analogous

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



FF6F83



FA8150



D4982B

# Triad

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



FA8150



00BD89



789DFF

# Complementary

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



FA8150



50C9FA

# 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.



00B0FF



FA8150



00BEC4

# Square

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



FA8150



5CB752



00BBF6



D185F0

# Rectangle

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



FA8150



B3A524



00BBF6



44A4FF



# Sweetspot

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



FA8150



FFDBCC



FA50CA



806A61



000000



808080



# Same Dimension

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



FA8150



FF6A2E



FAD550



7D7470



BD3600



3D1200



# Inverse Universe

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



50C9FA



2EC3FF



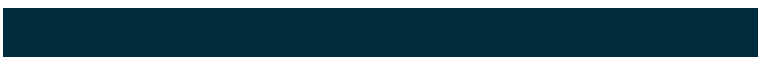
5075FA



70797D



0086BD



002C3D



# Previews

## White Background



This preview shows how the Hex color FA8150 looks on a white background.

## Color Contrast Check

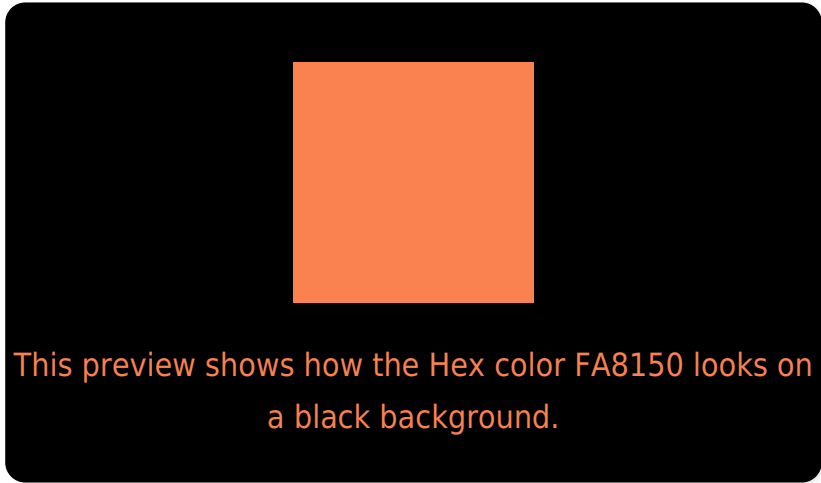
Large Text (above 18pt) WCAG AA × Fail

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 FA8150 Background



This preview shows how black text looks on a background with the Hex color FA8150.

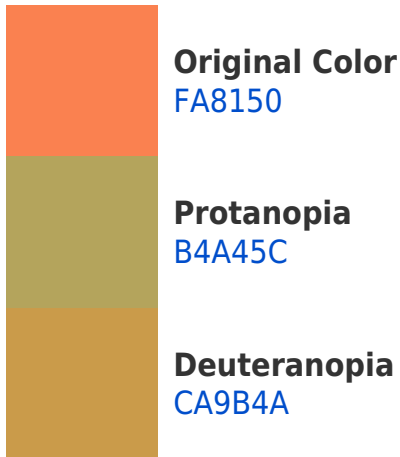


This preview shows how white text looks on a background with the Hex color FA8150.

# 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**  
FD7B83

# Trichromacy



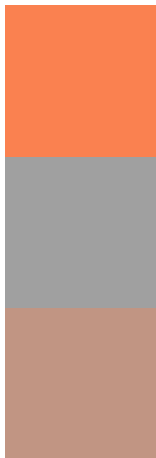
**Original Color**  
FA8150

**Protanomaly**  
CD9758

**Deuteranomaly**  
DB924C

**Tritanomaly**  
FC7D70

# Monochromacy



**Original Color**  
FA8150

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
C19583

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA8150 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 #FA8150 looks like.

```
.text, #text, p{  
    color:#FA8150  
}
```

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 #FA8150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA8150
}
```

## Border

The CSS property to change the border of an element to Hex FA8150 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
#FA8150 }
```

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

```
.border{ border-color:#FA8150 }
```

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

Here you see how a box with a 4 pixel #FA8150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA8150; -webkit-box-shadow:4px 4px  
4px 4px #FA8150; box-shadow:4px 4px 4px  
4px #FA8150 }
```

# Background

The CSS property to change the background color of an element to Hex FA8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA8150 }
```

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

```
.background{ background-color:#FA8150 }
```

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