

# Converting Colors

Hex(F8A443)

Have a look what the booklet for  
Hex(F8A443) contains.

|  |    |
|--|----|
| <b>Hex(F8A443)</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(F8A443)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F8A443                      |
| RGB         | 248, 164, 67                |
| RGB Percent | 97%, 64%, 26%               |
| CMY         | 0.0275, 0.3569, 0.7373      |
| CMYK        | 0.00, 0.34, 0.73, 0.03      |
| HSL         | 32°, 93%, 62%               |
| HSV         | 32°, 73%, 97%               |
| XYZ         | 53.0000, 46.9126, 11.5718   |
| YIQ         | 178.0580, 81.2010, -12.3590 |

# Conversions

## Conversions Part 2

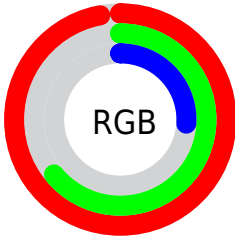
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 224, 248, 67                   |
| Decimal                             | 16294979                       |
| CIE <sub>Lab</sub>                  | 74.13, 23.04, 60.67            |
| CIE <sub>LCh</sub>                  | 74, 64.894, 69.208             |
| Yxy                                 | 46.9126, 0.4754,<br>0.4208     |
| Android<br>(android.graphics.Color) | 4294485059<br>(0xFFFF8A443)    |
| YUV                                 | 178.0580, -54.7516,<br>61.3391 |
| Hunter-Lab                          | 68.4928, 18.2616,<br>37.9279   |

# Details

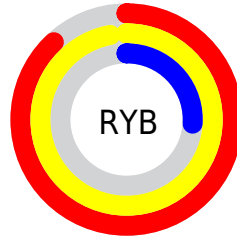
The Hex color **F8A443** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4397F8**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDB78**, and **BA7003** is the 20% darker color. If you saturate the color by 10%, you get **F8982A**, and if you desaturate by 10%, it is **F8B05C**.

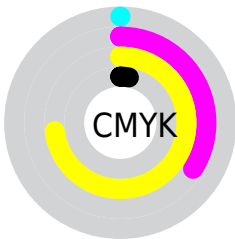
# Distribution



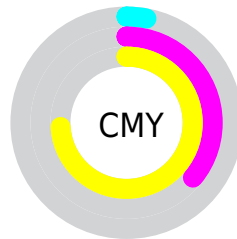
- Red (97%)
- Green (64%)
- Blue (26%)



- Red (88%)
- Yellow (97%)
- Blue (26%)



- Cyan (0%)
- Magenta (34%)
- Yellow (73%)
- Black (3%)



- Cyan (3%)
- Magenta (36%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8A443 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 F8A443 by changing the saturation by 10% instead.



 F8A443

 F8A443

FFFFFF

 D98A28

 FFDB78

 BA7003

 FFF893

 9C5700

 FFFF8F

 7F4000

 FFFF8F

 622900

 FFFF8F

 461300

 2C0000

 000000

 F8A443

 F8A443

 F8982A

 F8B05C

 F88D11

 F8BB75

 F88500

 F8C78D

 F8D2A6

 F8DEBF

 F8E9D8

 F8F5F1

 F8FFFF

# Harmonies

## Analogous

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



FF8D6E



F8A443



C5B936

# Triad

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



F8A443



00D3C7



D19FFF

# Complementary

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



F8A443



4397F8

# 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.



63B7FF



F8A443



00D1FF

# Square

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



F8A443



00D08A



00C8FF



FF88E2

# Rectangle

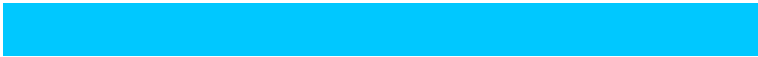
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8A443



9CC446



00C8FF



B5A7FF

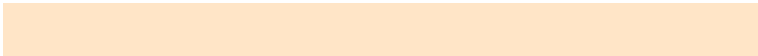


# Sweetspot

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



F8A443



FFE5C7



F84397



80705E



000000



808080



# Same Dimension

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



F8A443



FF971F



F2F843



7D7770



BD6500



3D2100



# Inverse Universe

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



4397F8



1F87FF



4943F8



70767D



0058BD



001C3D



# Previews

## White Background



This preview shows how the Hex color F8A443 looks on a white background.

## Color Contrast Check

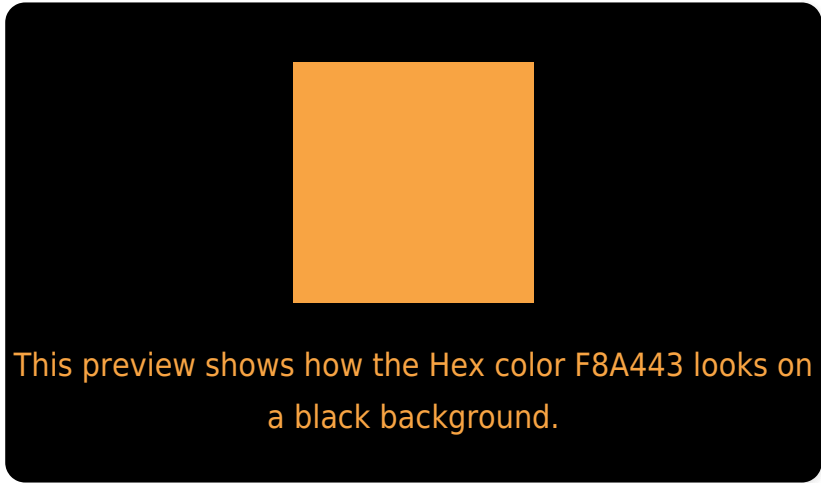
Large Text (above 18pt) WCAG AA × Fail

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 F8A443 Background



This preview shows how black text looks on a background with the Hex color F8A443.



This preview shows how white text looks on a background with the Hex color F8A443.

# 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



**Original Color**  
F8A443

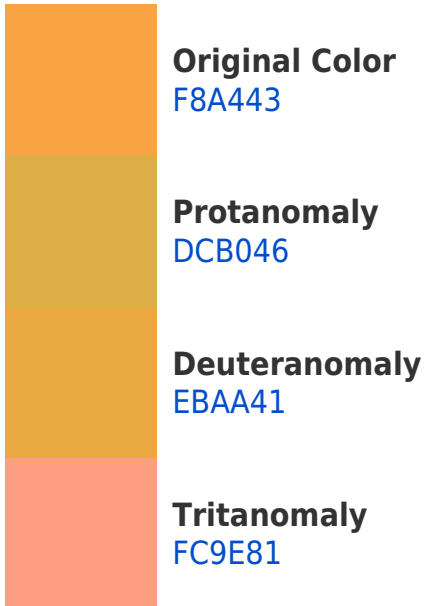
**Protanopia**  
CCB748

**Deuteranopia**  
E4AE40



**Tritanopia**  
FE9AA5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8A443 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 #F8A443 looks like.

```
.text, #text, p{  
    color:#F8A443  
}
```

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 #F8A443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8A443 }  
}
```

## Border

The CSS property to change the border of an element to Hex F8A443 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 #F8A443 }  
}
```

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

```
.border{ border-color:#F8A443 }
```

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

Here you see how a box with a 4 pixel #F8A443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8A443; -webkit-box-shadow:4px 4px  
4px 4px #F8A443; box-shadow:4px 4px 4px  
4px #F8A443 }
```

# Background

The CSS property to change the background color of an element to Hex F8A443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8A443 }
```

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

```
.background{ background-color:#F8A443 }
```

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