

# Converting Colors

Hex(F84616)

Have a look what the booklet for  
Hex(F84616) contains.

<b>Hex(F84616)</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(F84616)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F84616
RGB	248, 70, 22
RGB Percent	97%, 27%, 9%
CMY	0.0275, 0.7255, 0.9137
CMYK	0.00, 0.72, 0.91, 0.03
HSL	13°, 94%, 53%
HSV	13°, 91%, 97%
XYZ	41.0464, 24.3947, 3.3043
YIQ	117.7500, 121.4960, 22.8080

# Conversions

## Conversions Part 2

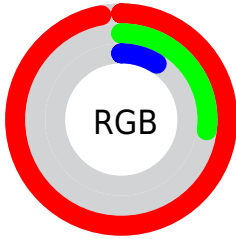
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 83, 22
Decimal	16270870
CIE <sub>Lab</sub>	56.48, 65.52, 62.58
CIE <sub>LCh</sub>	56, 90.604, 43.688
Yxy	24.3947, 0.5971, 0.3549
Android (android.graphics.Color)	4294460950 (0xFFFF84616)
YUV	117.7500, -47.2047, 114.2292
Hunter-Lab	49.3910, 61.9081, 30.6071

# Details

The Hex color **F84616** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **16C8F8**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF814B**, and **B60000** is the 20% darker color. If you saturate the color by 10%, you get **F83500**, and if you desaturate by 10%, it is **F85A2F**.

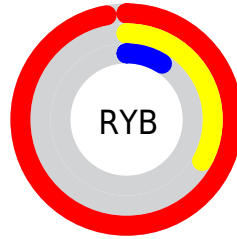
# Distribution



Red (97%)

Green (27%)

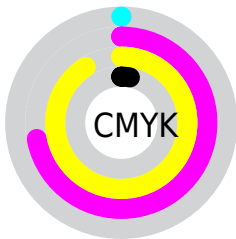
Blue (9%)



Red (97%)

Yellow (33%)

Blue (9%)

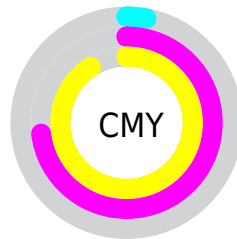


Cyan (0%)

Magenta (72%)

Yellow (91%)

Black (3%)



Cyan (3%)

Magenta (73%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F84616 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 F84616 by changing the saturation by 10% instead.



 F84616

 F84616

FFFFFF

 D72300

 FF814B

 B60000

 FF9E64

 960000

 FFBB7F

 760000

 FFD899

 570001

 FFF6B5

 3A0002

 FFFFD1

 110000

 FFFFEE

 000000

 F84616

 F84616

 F83500

 F85A2F

 F86D48

 F88160

 F89479

 F8A892

 F8BBAB

 F8CFC4

 F8E2DC

 F8F6F5

# Harmonies

## Analogous

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



FF0068



F84616



C77400

# Triad

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



F84616



00A558



0086FF

# Complementary

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



F84616



16C8F8

# 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.



009DFF



F84616



00A8AB

# Square

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



F84616



009E00



00A7F4



B45CFB

# Rectangle

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



F84616



9C8800



00A7F4



008FFF



# Sweetspot

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



F84616



FFC9BA



F816CB



805F57



000000



808080



# Same Dimension

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



F84616



FF3600



F8B416



7D7370



BD2800



3D0D00



# Inverse Universe

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



16C8F8



00C9FF



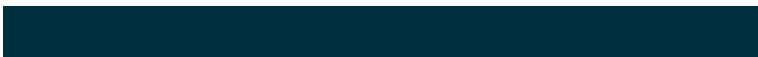
165AF8



707A7D



0095BD



00303D



# Previews

## White Background



This preview shows how the Hex color F84616 looks on a white background.

## Color Contrast Check

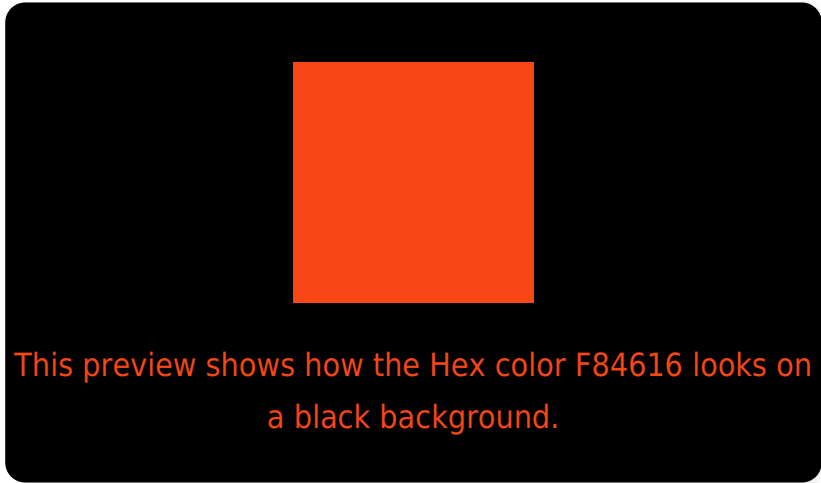
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F84616 Background



This preview shows how black text looks on a background with the Hex color F84616.



This preview shows how white text looks on a background with the Hex color F84616.

# 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**  
F84616

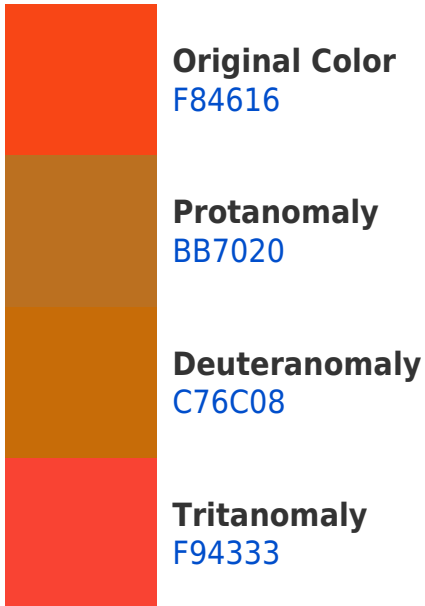
**Protanopia**  
988826

**Deuteranopia**  
AB8100

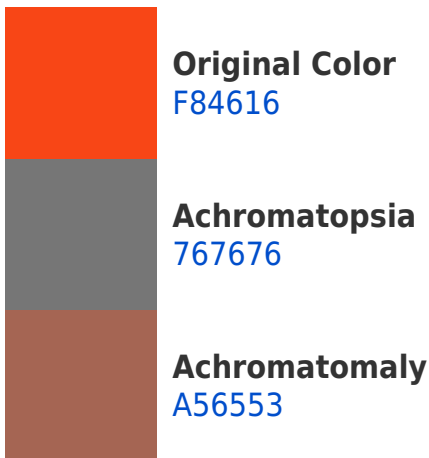


**Tritanopia**  
F94244

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F84616 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 #F84616 looks like.

```
.text, #text, p{  
    color:#F84616  
}
```

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 #F84616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F84616
}
```

## Border

The CSS property to change the border of an element to Hex F84616 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".

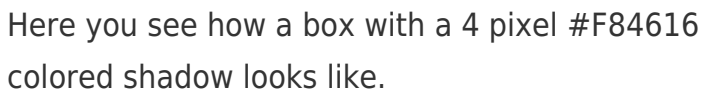
```
.border, #border, table{ border:4px solid
#F84616 }
```

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

```
.border{ border-color:#F84616 }
```

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

Here you see how a box with a 4 pixel #F84616 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F84616; -webkit-box-shadow:4px 4px  
4px 4px #F84616; box-shadow:4px 4px 4px  
4px #F84616 }
```

# Background

The CSS property to change the background color of an element to Hex F84616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F84616 }
```

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

```
.background{ background-color:#F84616 }
```

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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