

# Converting Colors

Hex(F82816)

Have a look what the booklet for  
Hex(F82816) contains.

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**Color**

**Hex(F82816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F82816
RGB	248, 40, 22
RGB Percent	97%, 16%, 9%
CMY	0.0275, 0.8431, 0.9137
CMYK	0.00, 0.84, 0.91, 0.03
HSL	5°, 94%, 53%
HSV	5°, 91%, 97%
XYZ	39.6150, 21.5320, 2.8272
YIQ	100.1400, 129.7460, 38.4980

# Conversions

## Conversions Part 2

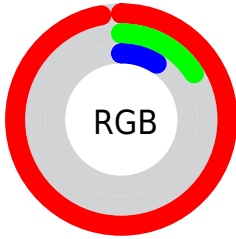
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 42, 22
Decimal	16263190
CIE <sub>Lab</sub>	53.53, 73.80, 60.65
CIE <sub>LCh</sub>	54, 95.527, 39.413
Yxy	21.5320, 0.6192, 0.3366
Android (android.graphics.Color)	4294453270 (0xFFFF82816)
YUV	100.1400, -38.5230, 129.6732
Hunter-Lab	46.4026, 71.1854, 28.8694

# Details

The Hex color **F82816** 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 **16E6F8**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6C49**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F81400**, and if you desaturate by 10%, it is **F83F2F**.

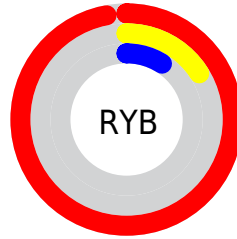
# Distribution



Red (97%)

Green (16%)

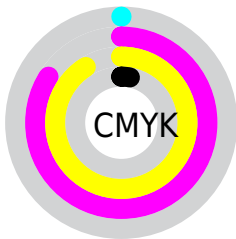
Blue (9%)



Red (97%)

Yellow (16%)

Blue (9%)

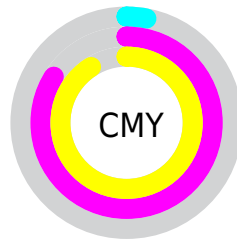


Cyan (0%)

Magenta (84%)

Yellow (91%)

Black (3%)



Cyan (3%)

Magenta (84%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F82816 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 F82816 by changing the saturation by 10% instead.



 F82816

 F82816

FFFFFF

 D60000

 FF6C49

 B50000

 FF8A62

 940000

 FFA87C

 740000

 FFC696

 550003

 FFE4B1

 360002

 FFFFCD

 070000

 FFFFEA

 000000

 F82816

 F82816

 F81400

 F83F2F

 F85648

 F86C60

 F88379

 F89A92

 F8B1AB

 F8C8C4

 F8DFDC

 F8F5F5

# Harmonies

## Analogous

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



FF006A



F82816



C86500

# Triad

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



F82816



009D41



0083FF

# Complementary

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



F82816



16E6F8

# 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.



0099FF



F82816



00A199

# Square

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



F82816



009600



00A0E8



9B59FF

# Rectangle

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



F82816



9D7D00



00A0E8



008CFF



# Sweetspot

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



F82816



FFC0BA



F816E9



805A57



000000



808080



# Same Dimension

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



F82816



FF1400



F89616



7D7170



BD0F00



3D0500



# Inverse Universe

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



16E6F8



00EBFF



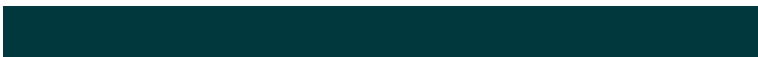
1678F8



707C7D



00AEBD



00383D



# Previews

## White Background



This preview shows how the Hex color F82816 looks on a white background.

## Color Contrast Check

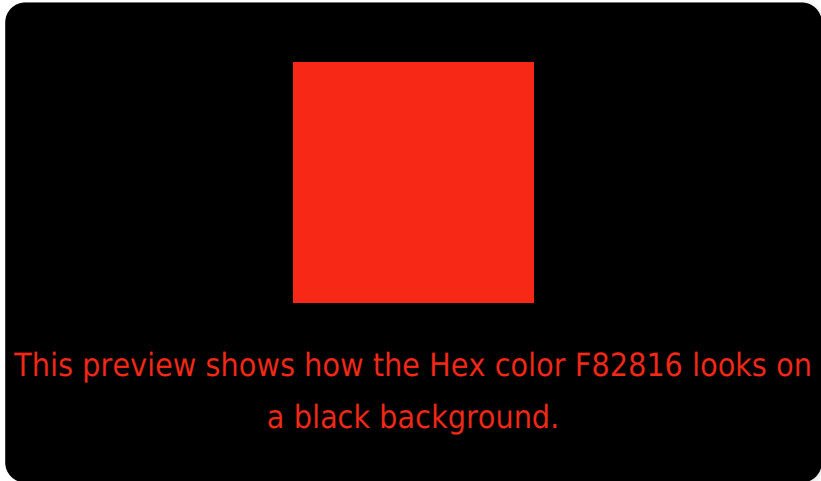
Large Text (above 18pt) WCAG AA ✓ Pass

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 F82816 Background



This preview shows how black text looks on a background with the Hex color F82816.



This preview shows how white text looks on a background with the Hex color F82816.

# 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**  
F82816

**Protanopia**  
90812A

**Deuteranopia**  
A27A00



**Tritanopia**  
F82724

# Trichromacy



**Original Color**  
F82816

**Protanomaly**  
B66123

**Deuteranomaly**  
C15C08

**Tritanomaly**  
F8271F

# Monochromacy



**Original Color**  
F82816

**Achromatopsia**  
646464

**Achromatomaly**  
9A4E48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F82816 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 #F82816 looks like.

```
.text, #text, p{  
    color:#F82816  
}
```

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 #F82816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F82816
}
```

## Border

The CSS property to change the border of an element to Hex F82816 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".

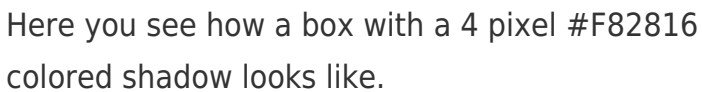
```
.border, #border, table{ border:4px solid
#F82816 }
```

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

```
.border{ border-color:#F82816 }
```

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

Here you see how a box with a 4 pixel #F82816 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F82816; -webkit-box-shadow:4px 4px  
4px 4px #F82816; box-shadow:4px 4px 4px  
4px #F82816 }
```

# Background

The CSS property to change the background color of an element to Hex F82816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F82816 }
```

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

```
.background{ background-color:#F82816 }
```

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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