

# Converting Colors

Hex(F81600)

Have a look what the booklet for  
Hex(F81600) contains.

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**Color**

**Hex(F81600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F81600
RGB	248, 22, 0
RGB Percent	97%, 9%, 0%
CMY	0.0275, 0.9137, 1.0000
CMYK	0.00, 0.91, 1.00, 0.03
HSL	5°, 100%, 49%
HSV	5°, 100%, 97%
XYZ	38.9983, 20.5303, 1.9073
YIQ	87.0660, 141.7580, 41.0700

# Conversions

## Conversions Part 2

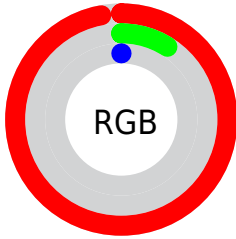
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 24, 0
Decimal	16258560
CIE <sub>Lab</sub>	52.43, 76.58, 66.04
CIE <sub>LCh</sub>	52, 101.122, 40.776
Yxy	20.5303, 0.6348, 0.3342
Android (android.graphics.Color)	4294448640 (0xFFFF81600)
YUV	87.0660, -42.9235, 141.1391
Hunter-Lab	45.3103, 74.3406, 29.2215

# Details

The Hex color **F81600** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00E2F8**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF643B**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F81600**, and if you desaturate by 10%, it is **F82D19**.

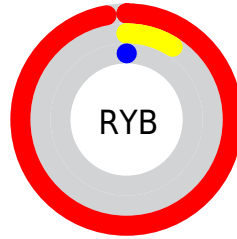
# Distribution



Red (97%)

Green (9%)

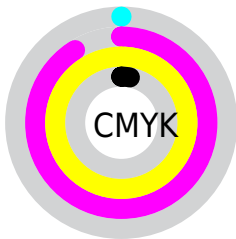
Blue (0%)



Red (97%)

Yellow (9%)

Blue (0%)

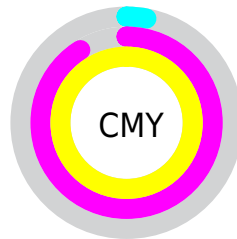


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (91%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F81600 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 F81600 by changing the saturation by 10% instead.



 F81600

 F81600

 FFFFFFF9

 D60000

 FF643B

 B50000

 FF8354

 940000

 FFA16E

 730001

 FFBF88

 540003

 FFDDA4

 350002

 FFFBBF

 020000

 FFFFDC

 000000

 F81600

 F82D19

 F84332

 F85A4A

 F87063

 F8877C

 F89E95

 F8B4AE

 F8CBC6

 F8E1DF

# Harmonies

## Analogous

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



FF0063



F81600



C56300

# Triad

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



F81600



009B3E



0080FF

# Complementary

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



F81600



00E2F8

# 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.



0097FF



F81600



009F9C

# Square

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



F81600



009400



009EEF



9E50FF

# Rectangle

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



F81600



977B00



009EEF



008AFF



# Sweetspot

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



F81600



FFB9B3



F800E3



805652



000000



808080



# Same Dimension

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



F81600



FF1700



F89100



7D7270



BD1100



3D0500



# Inverse Universe

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



00E2F8



00E8FF



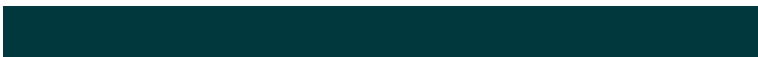
0067F8



707C7D



00ACBD



00383D



# Previews

## White Background



This preview shows how the Hex color F81600 looks on a white background.

## Color Contrast Check

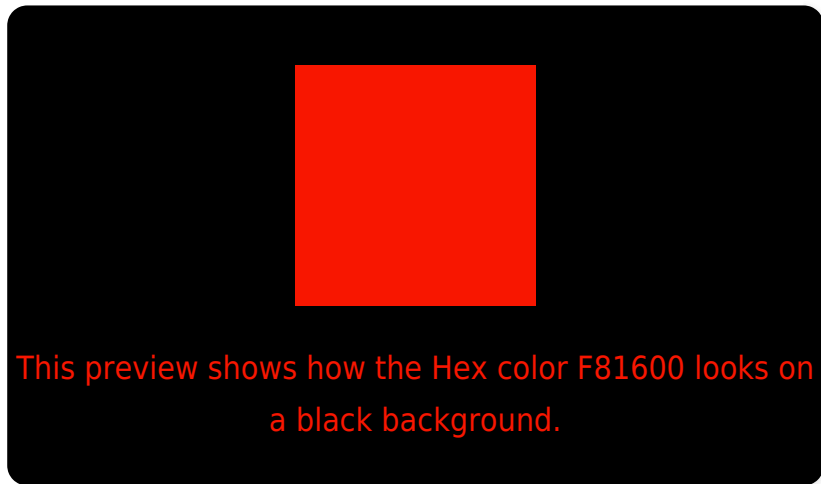
Large Text (above 18pt) WCAG AA ✓ Pass

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 F81600 Background



This preview shows how black text looks on a background with the Hex color F81600.



This preview shows how white text looks on a background with the Hex color F81600.

# 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**  
F81600

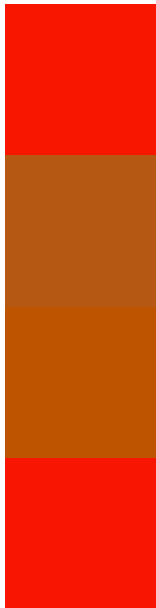
**Protanopia**  
8E7E20

**Deuteranopia**  
9F7800



**Tritanopia**  
F81604

# Trichromacy



**Original Color**  
F81600

**Protanomaly**  
B55814

**Deuteranomaly**  
BF5400

**Tritanomaly**  
F81603

# Monochromacy



**Original Color**  
F81600

**Achromatopsia**  
575757

**Achromatomaly**  
923F37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F81600 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 #F81600 looks like.

```
.text, #text, p{  
    color:#F81600  
}
```

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 #F81600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F81600
}
```

## Border

The CSS property to change the border of an element to Hex F81600 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
#F81600 }
```

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

```
.border{ border-color:#F81600 }
```

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

Here you see how a box with a 4 pixel #F81600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F81600; -webkit-box-shadow:4px 4px  
4px 4px #F81600; box-shadow:4px 4px 4px  
4px #F81600 }
```

# Background

The CSS property to change the background color of an element to Hex F81600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F81600 }
```

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

```
.background{ background-color:#F81600 }
```

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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