

Converting Colors

Hex(F81907)

Have a look what the booklet for
Hex(F81907) contains.

Hex(F81907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F81907)

Conversions

Conversions Part 1

Format	Color
Hex	F81907
RGB	248, 25, 7
RGB Percent	97%, 10%, 3%
CMY	0.0275, 0.9020, 0.9725
CMYK	0.00, 0.90, 0.97, 0.03
HSL	4°, 95%, 50%
HSV	4°, 97%, 97%
XYZ	39.0974, 20.6671, 2.1295
YIQ	89.6250, 138.6860, 41.6780

Conversions

Conversions Part 2

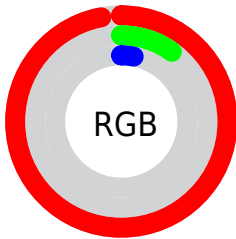
Format	Color
R_{YB}	248, 26, 7
Decimal	16259335
CIE Lab	52.58, 76.24, 64.36
CIE LCh	53, 99.773, 40.172
Yxy	20.6671, 0.6317, 0.3339
Android (android.graphics.Color)	4294449415 (0xFFFF81907)
YUV	89.6250, -40.7341, 138.8949
Hunter-Lab	45.4610, 73.9567, 29.0455

Details

The Hex color **F81907** 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 **07E6F8**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF653F**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F81300**, and if you desaturate by 10%, it is **F83020**.

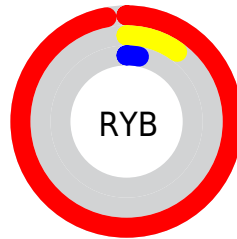
Distribution



Red (97%)

Green (10%)

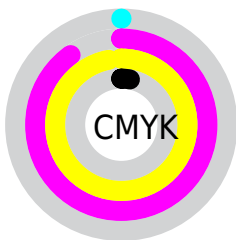
Blue (3%)



Red (97%)

Yellow (10%)

Blue (3%)

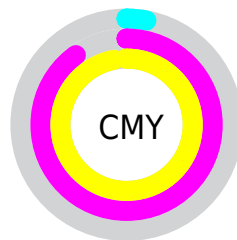


Cyan (0%)

Magenta (90%)

Yellow (97%)

Black (3%)



Cyan (3%)

Magenta (90%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color F81907 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 F81907 by changing the saturation by 10% instead.

 F81907

 F81907

FFFFFFD

 D60000

 FF653F

 B50000

 FF8458

 940000

 FFA272

 730001

 FFC08C

 550003

 FFDEA7

 350002

 FFFCC3

 030000

 FFFFEO

 000000

 F81907

 F81907

 F81300

 F83020

 F84739

 F85E51

 F8756A

 F88C83

 F8A39C

 F8BAB5

 F8D1CD

 F8E8E6

Harmonies

Analogous

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



FF0065



F81907



C66300

Triad

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



F81907



009C3E



0081FF

Complementary

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



F81907



07E6F8

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



F81907



009F9A

Square

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



F81907



009400



009EEC



9C53FF

Rectangle

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



F81907



997B00



009EEC



008AFF

Sweetspot

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



F81907



FFBBB5



F807E8



805653



000000



808080

Same Dimension

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



F81907



FF1300



F89007



7D7170



BD0E00



3D0500

Inverse Universe

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



07E6F8



00ECFF



076FF8



707C7D



00AFBD



00393D

Previews

White Background



This preview shows how the Hex color F81907 looks on a white background.

Color Contrast Check

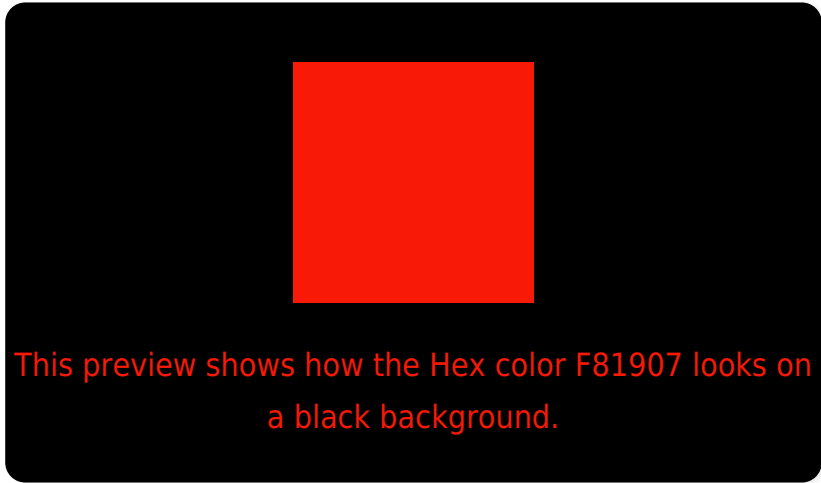
Large Text (above 18pt) WCAG AA ✓ Pass

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 F81907 Background



This preview shows how black text looks on a background with the Hex color F81907.



This preview shows how white text looks on a background with the Hex color F81907.

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
F81907

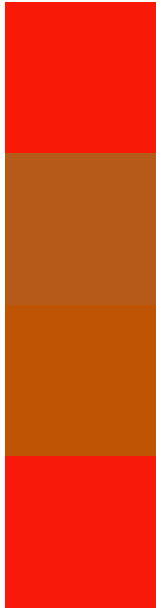
Protanopia
8E7F21

Deuteranopia
9F7800



Tritanopia
F8190E

Trichromacy



Original Color
F81907

Protanomaly
B55A18

Deuteranomaly
BF5503

Tritanomaly
F8190B

Monochromacy



Original Color
F81907

Achromatopsia
5A5A5A

Achromatomaly
93423C

CSS Examples

Text

The CSS property to change the color of the text to Hex F81907 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 #F81907 looks like.

```
.text, #text, p{  
    color:#F81907  
}
```

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 #F81907 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F81907
}
```

Border

The CSS property to change the border of an element to Hex F81907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

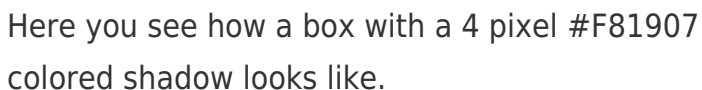
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F81907 }
```

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

```
.border{ border-color:#F81907 }
```

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



Here you see how a box with a 4 pixel #F81907 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F81907; -webkit-box-shadow:4px 4px  
4px 4px #F81907; box-shadow:4px 4px 4px  
4px #F81907 }
```

Background

The CSS property to change the background color of an element to Hex F81907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F81907 }
```

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

```
.background{ background-color:#F81907 }
```

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