

Converting Colors

Hex(F81919)

Have a look what the booklet for
Hex(F81919) contains.

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Color

Hex(F81919)

Conversions

Conversions Part 1

Format	Color
Hex	F81919
RGB	248, 25, 25
RGB Percent	97%, 10%, 10%
CMY	0.0275, 0.9020, 0.9020
CMYK	0.00, 0.90, 0.90, 0.03
HSL	0°, 94%, 54%
HSV	0°, 90%, 97%
XYZ	39.2345, 20.7219, 2.8515
YIQ	91.6770, 132.9080, 47.2760

Conversions

Conversions Part 2

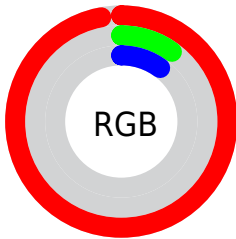
Format	Color
R_{YB}	248, 25, 25
Decimal	16259353
CIE Lab	52.64, 76.41, 58.96
CIE LCh	53, 96.512, 37.654
Yxy	20.7219, 0.6247, 0.3299
Android (android.graphics.Color)	4294449433 (0xFFFF81919)
YUV	91.6770, -32.8718, 137.0953
Hunter-Lab	45.5213, 74.1855, 28.1509

Details

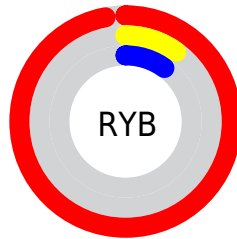
The Hex color **F81919** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **19F8F8**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF664A**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F80000**, and if you desaturate by 10%, it is **F83232**.

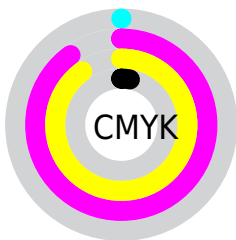
Distribution



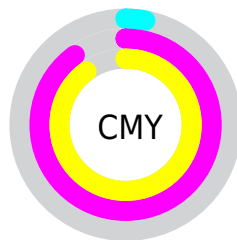
- Red (97%)
- Green (10%)
- Blue (10%)



- Red (97%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (90%)
- Yellow (90%)
- Black (3%)



- Cyan (3%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color F81919 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 F81919 by changing the saturation by 10% instead.

 F81919

 F81919

FFFFFF

 D60000

 FF664A

 B50000

 FF8463

 940000

 FFA27D

 740001

 FFC098

 550003

 FFDEB3

 350002

 FFFDCF

 040000

 FFFFEB

 000000

 F81919

 F81919

 F80000

 F83232

 F84B4B

 F86363

 F87C7C

 F89595

 F8AEAE

 F8C7C7

 F8DFDF

 F8F8F8

Harmonies

Analogous

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



FF006D



F81919



C96000

Triad

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



F81919



009B38



0083FF

Complementary

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



F81919



19F8F8

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



F81919



009E92

Square

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



F81919



0D9300



009EE2



905AFF

Rectangle

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



F81919



9F7900



009EE2



008CFF

Sweetspot

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



F81919



FFBABA



F819F8



805757



000000



808080

Same Dimension

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



F81919



FF0000



F88919



7D7070



BD0000



3D0000

Inverse Universe

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



19F8F8



00FFFF



1989F8



707D7D



00BDBD



003D3D

Previews

White Background



This preview shows how the Hex color F81919 looks on a white background.

Color Contrast Check

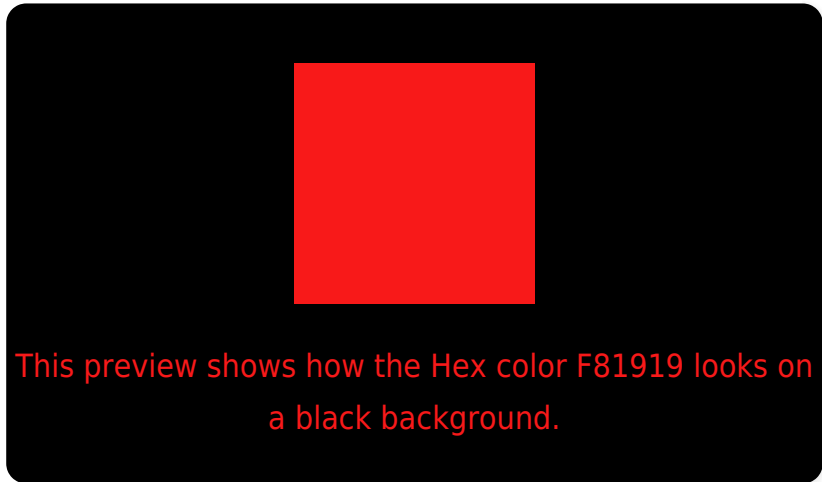
Large Text (above 18pt) WCAG AA ✓ Pass

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 F81919 Background



This preview shows how black text looks on a background with the Hex color F81919.

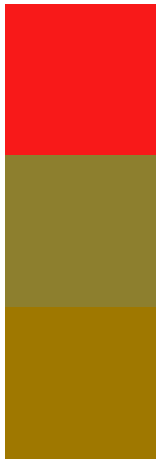


This preview shows how white text looks on a background with the Hex color F81919.

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
F81919

Protanopia
8D7F2E

Deuteranopia
9F7800



Tritanopia
F81A11

Trichromacy



Original Color
F81919



Protanomaly
B45A26



Deuteranomaly
BF5509



Tritanomaly
F81A14

Monochromacy



Original Color
F81919



Achromatopsia
5C5C5C



Achromatomaly
954444

CSS Examples

Text

The CSS property to change the color of the text to Hex F81919 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 #F81919 looks like.

```
.text, #text, p{  
    color:#F81919  
}
```

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 #F81919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F81919
}
```

Border

The CSS property to change the border of an element to Hex F81919 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".

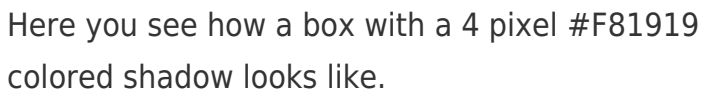
```
.border, #border, table{ border:4px solid
#F81919 }
```

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

```
.border{ border-color:#F81919 }
```

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

Here you see how a box with a 4 pixel #F81919 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F81919; -webkit-box-shadow:4px 4px  
4px 4px #F81919; box-shadow:4px 4px 4px  
4px #F81919 }
```

Background

The CSS property to change the background color of an element to Hex F81919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F81919 }
```

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

```
.background{ background-color:#F81919 }
```

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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