

Converting Colors

Hex(FF1800)

Have a look what the booklet for
Hex(FF1800) contains.

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Color

Hex(F1800)

Conversions

Conversions Part 1

Format	Color
Hex	FF1800
RGB	255, 24, 0
RGB Percent	100%, 9%, 0%
CMY	0.0000, 0.9059, 1.0000
CMYK	0.00, 0.91, 1.00, 0.00
HSL	6°, 100%, 50%
HSV	6°, 100%, 100%
XYZ	41.5666, 21.9133, 2.0389
YIQ	90.3330, 145.3800, 41.5080

Conversions

Conversions Part 2

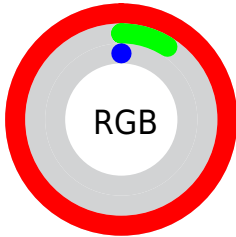
Format	Color
RYB	255, 26, 0
Decimal	16717824
CIELab	53.93, 78.08, 67.47
CIELCh	54, 103.191, 40.830
Yxy	21.9133, 0.6344, 0.3345
Android (android.graphics.Color)	4294907904 (0xFFFF1800)
YUV	90.3330, -44.5342, 144.4130
Hunter-Lab	46.8116, 76.5798, 30.1858

Details

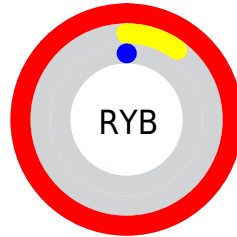
The Hex color **FF1800** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00E7FF**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF663B**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FF1800**, and if you desaturate by 10%, it is **FF2F19**.

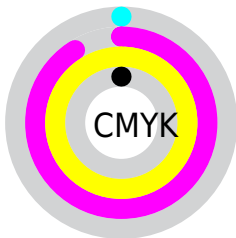
Distribution



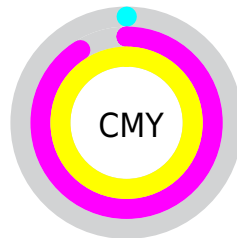
- Red (100%)
- Green (9%)
- Blue (0%)



- Red (100%)
- Yellow (10%)
- Blue (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF1800 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 FF1800 by changing the saturation by 10% instead.

 FF1800

 FF1800

 FFFFFA

 DD0000

 FF663B

 BB0000

 FF8555

 9A0000

 FFA36F

 790001

 FFC18A

 5A0003

 FFE0A5

 3B0002

 FFFEC1

 140000

 FFFFDD

 000000

 FF1800

 FF2F19

 FF4633

 FF5D4D

 FF7466

 FF8C80

 FFA399

 FFBAB3

 FFD1CC

 FFE8E6

Harmonies

Analogous

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



FF0066



FF1800



CA6600

Triad

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



FF1800



00A041



0084FF

Complementary

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



FF1800



00E7FF

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.



009BFF



FF1800



00A3A0

Square

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



FF1800



009900



00A3F5



A353FF

Rectangle

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



FF1800



9B7F00



00A3F5



008EFF

Sweetspot

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



FF1800



FFBAB3



FF00EA



805652



000000



808080

Same Dimension

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



FF1800



FF9500



807473



BF1200



400600

Inverse Universe

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



00E7FF



006AFF



737E80



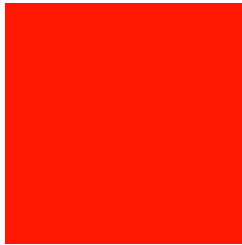
00ADBFB



003A40

Previews

White Background



This preview shows how the Hex color FF1800 looks on a white background.

Color Contrast Check

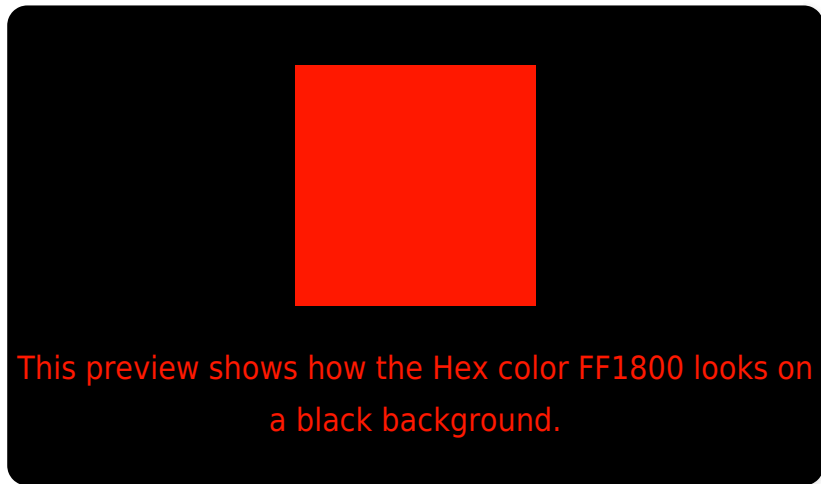
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF1800 Background



This preview shows how black text looks on a background with the Hex color FF1800.



This preview shows how white text looks on a background with the Hex color FF1800.

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
FF1800

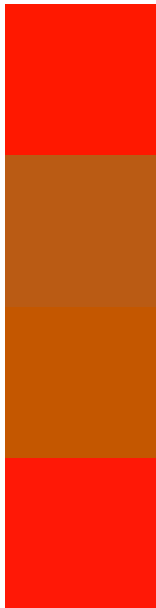
Protanopia
928220

Deuteranopia
A37B00



Tritanopia
FF180A

Trichromacy



Original Color
FF1800

Protanomaly
BA5B14

Deuteranomaly
C45700

Tritanomaly
FF1806

Monochromacy



Original Color
FF1800

Achromatopsia
5A5A5A

Achromatomaly
964239

CSS Examples

Text

The CSS property to change the color of the text to Hex FF1800 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 #FF1800 looks like.

```
.text, #text, p{  
    color:#FF1800  
}
```

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 #FF1800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1800
}
```

Border

The CSS property to change the border of an element to Hex FF1800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

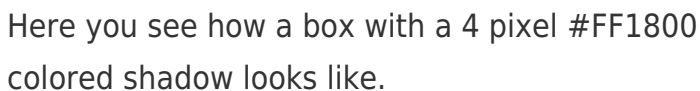
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF1800 }
```

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

```
.border{ border-color:#FF1800 }
```

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



Here you see how a box with a 4 pixel #FF1800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1800; -webkit-box-shadow:4px 4px  
4px 4px #FF1800; box-shadow:4px 4px 4px  
4px #FF1800 }
```

Background

The CSS property to change the background color of an element to Hex FF1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1800 }
```

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

```
.background{ background-color:#FF1800 }
```

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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