

Converting Colors

Hex(F01500)

Have a look what the booklet for
Hex(F01500) contains.

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Color

Hex(F01500)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F01500 |
| RGB | 240, 21, 0 |
| RGB Percent | 94%, 8%, 0% |
| CMY | 0.0588, 0.9176, 1.0000 |
| CMYK | 0.00, 0.91, 1.00, 0.06 |
| HSL | 5°, 100%, 47% |
| HSV | 5°, 100%, 94% |
| XYZ | 36.2033, 19.0616, 1.7711 |
| YIQ | 84.0870, 137.2650, 39.8970 |

Conversions

Conversions Part 2

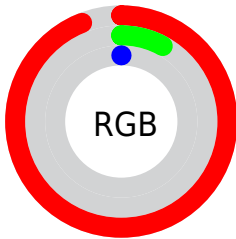
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 240, 23, 0 |
| Decimal | 15734016 |
| CIE Lab | 50.76, 74.69, 64.43 |
| CIE LCh | 51, 98.637, 40.782 |
| Yxy | 19.0616, 0.6347, 0.3342 |
| Android (android.graphics.Color) | 4293924096 (0xFFFF01500) |
| YUV | 84.0870, -41.4549, 136.7357 |
| Hunter-Lab | 43.6596, 71.6113, 28.1565 |

Details

The Hex color **F01500** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **00DBF0**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF623A**, and **AD0000** is the 20% darker color. If you saturate the color by 10%, you get **F01500**, and if you desaturate by 10%, it is **F02B18**.

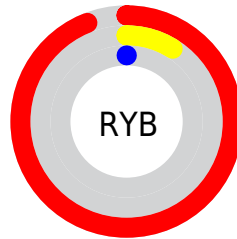
Distribution



Red (94%)

Green (8%)

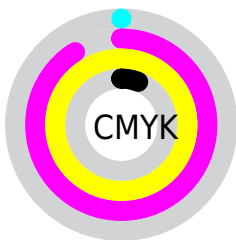
Blue (0%)



Red (94%)

Yellow (9%)

Blue (0%)

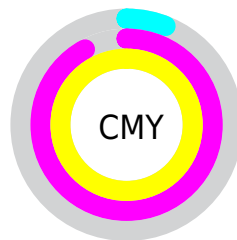


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (92%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F01500 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 F01500 by changing the saturation by 10% instead.

 F01500

 F01500

 FFFFFFF7

 CE0000

 FF623A

 AD0000

 FF8153

 8C0000

 FF9F6D

 6C0001


 FFBC87

 4E0004

 FFDAA2

 2E0002

 FFF9BE

 000000

 FFFFDA

 F01500

 F02B18

 F04130

 F05748

 F06D60

 F08278

 F09890

 F0AEA8

 F0C4C0

 F0DAD8

Harmonies

Analogous

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



FF005F



F01500



BE5F00

Triad

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



F01500



00963C



007CFF

Complementary

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



F01500



00DBF0

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.



0092FF



F01500



009996

Square

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



F01500



008F00



0099E7



994DFB

Rectangle

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



F01500



927700



0099E7



0085FF

Sweetspot

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



F01500



FFB9B3



F000DC



805652



000000



808080

Same Dimension

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



F01500



FF1600



F08C00



786D6C



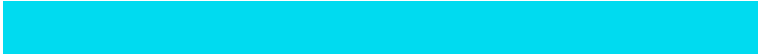
B81000



380500

Inverse Universe

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



00DBF0



00E9FF



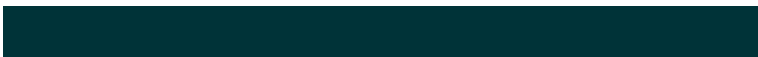
0064F0



6C7778



00A8B8



003338

Previews

White Background



This preview shows how the Hex color F01500 looks on a white background.

Color Contrast Check

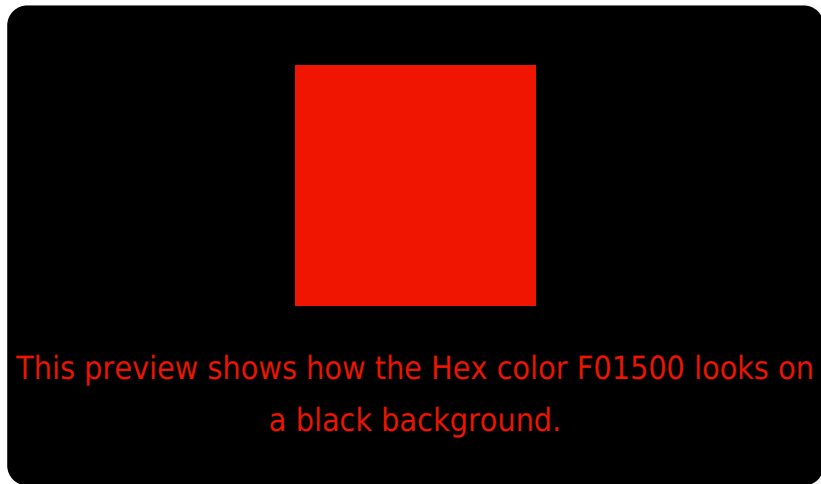
Large Text (above 18pt) WCAG AA ✓ Pass

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 F01500 Background



This preview shows how black text looks on a background with the Hex color F01500.



This preview shows how white text looks on a background with the Hex color F01500.

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
F01500

Protanopia
897A1F

Deuteranopia
9A7400



Tritanopia
F01500

Trichromacy



Original Color
F01500

Protanomaly
AE5514

Deuteranomaly
B95100

Tritanomaly
F01500

Monochromacy



Original Color
F01500

Achromatopsia
545454

Achromatomaly
8D3D35

CSS Examples

Text

The CSS property to change the color of the text to Hex F01500 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 #F01500 looks like.

```
.text, #text, p{  
    color:#F01500  
}
```

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 #F01500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F01500
}
```

Border

The CSS property to change the border of an element to Hex F01500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

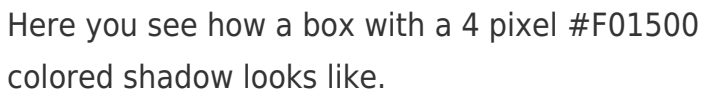
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F01500 }
```

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

```
.border{ border-color:#F01500 }
```

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



Here you see how a box with a 4 pixel `#F01500` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F01500; -webkit-box-shadow:4px 4px  
4px 4px #F01500; box-shadow:4px 4px 4px  
4px #F01500 }
```

Background

The CSS property to change the background color of an element to Hex F01500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F01500 }
```

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

```
.background{ background-color:#F01500 }
```

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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