

Converting Colors

Hex(F15B00)

Have a look what the booklet for
Hex(F15B00) contains.

Hex(F15B00)	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(F15B00)

Conversions

Conversions Part 1

Format	Color
Hex	F15B00
RGB	241, 91, 0
RGB Percent	95%, 36%, 0%
CMY	0.0549, 0.6431, 1.0000
CMYK	0.00, 0.62, 1.00, 0.05
HSL	23°, 100%, 47%
HSV	23°, 100%, 95%
XYZ	40.0167, 26.1829, 2.9447
YIQ	125.4760, 118.6110, 3.4990

Conversions

Conversions Part 2

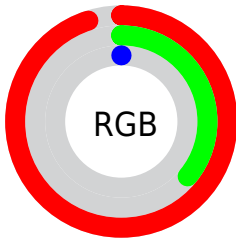
Format	Color
R_{YB}	241, 146, 0
Decimal	15817472
CIE _{Lab}	58.21, 54.87, 67.92
CIE _{LCh}	58, 87.314, 51.062
Yxy	26.1829, 0.5787, 0.3787
Android (android.graphics.Color)	4294007552 (0xFFFF15B00)
YUV	125.4760, -61.8597, 101.3145
Hunter-Lab	51.1693, 50.0489, 32.4065

Details

The Hex color **F15B00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **0096F1**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9241**, and **B02000** is the 20% darker color. If you saturate the color by 10%, you get **F15B00**, and if you desaturate by 10%, it is **F16A18**.

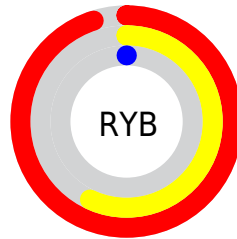
Distribution



Red (95%)

Green (36%)

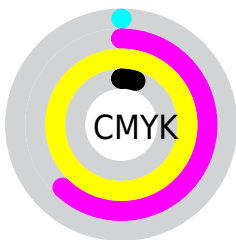
Blue (0%)



Red (95%)

Yellow (57%)

Blue (0%)

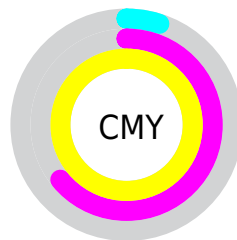


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F15B00 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 F15B00 by changing the saturation by 10% instead.

 F15B00

 F15B00

FFFFFF

 D03F00

 FF9241

 B02000

 FFAE5C

 900000

 FFCB77

 710000

 FFE892

 530000

 FFFFAD

 370002

 FFFFCA

 0B0000

 FFFF6E

 000000

 F15B00

 F16A18

 F17930

 F18848

 F19760

 F1A678

 F1B591

 F1C4A9

 F1D3C1

 F1E2D9

Harmonies

Analogous

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



FF275B



F15B00



BD8100

Triad

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



F15B00



00AB72



3A82FF

Complementary

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



F15B00



0096F1

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.



009DFF



F15B00



00ACC1

Square

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



F15B00



00A519



00A9FF



CE57ED

Rectangle

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



F15B00



909200



00A9FF



008DFF

Sweetspot

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



F15B00



FFCFB3



F10099



806352



000000



808080

Same Dimension

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



F15B00



FF6000



F1D100



78706C



B84500



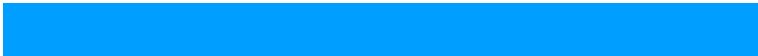
381500

Inverse Universe

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



0096F1



009FFF



0020F1



6C7378



0072B8



002338

Previews

White Background



This preview shows how the Hex color F15B00 looks on a white background.

Color Contrast Check

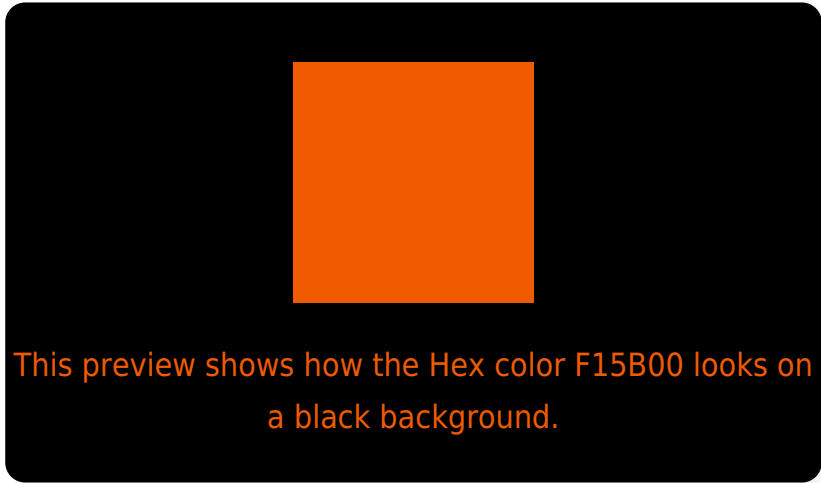
Large Text (above 18pt) WCAG AA ✓ Pass

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 F15B00 Background



This preview shows how black text looks on a background with the Hex color F15B00.



This preview shows how white text looks on a background with the Hex color F15B00.

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

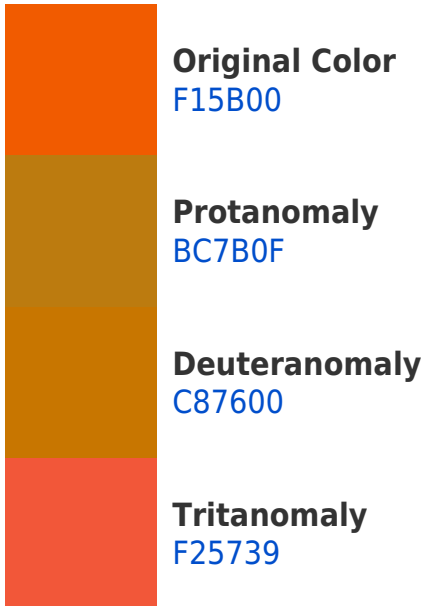


Original Color
F15B00

Protanopia
9E8D18

Deuteranopia
B18500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F15B00 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 #F15B00 looks like.

```
.text, #text, p{  
    color:#F15B00  
}
```

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 #F15B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F15B00
}
```

Border

The CSS property to change the border of an element to Hex F15B00 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
#F15B00 }
```

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

```
.border{ border-color:#F15B00 }
```

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

Here you see how a box with a 4 pixel #F15B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F15B00; -webkit-box-shadow:4px 4px  
4px 4px #F15B00; box-shadow:4px 4px 4px  
4px #F15B00 }
```

Background

The CSS property to change the background color of an element to Hex F15B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F15B00 }
```

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

```
.background{ background-color:#F15B00 }
```

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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