

Converting Colors

Hex(FF0505)

Have a look what the booklet for
Hex(FF0505) contains.

| | |
|--|----|
| Hex(FF0505) | 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(FF0505)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF0505 |
| RGB | 255, 5, 5 |
| RGB Percent | 100%, 2%, 2% |
| CMY | 0.0000, 0.9804, 0.9804 |
| CMYK | 0.00, 0.98, 0.98, 0.00 |
| HSL | 0°, 100%, 51% |
| HSV | 0°, 98%, 100% |
| XYZ | 41.3217, 21.3795, 2.0923 |
| YIQ | 79.7500, 149.0000, 53.0000 |

Conversions

Conversions Part 2

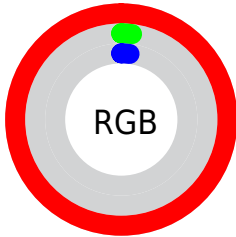
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 255, 5, 5 |
| Decimal | 16712965 |
| CIELab | 53.36, 79.80, 66.02 |
| CIElCh | 53, 103.571, 39.601 |
| Yxy | 21.3795, 0.6377, 0.3300 |
| Android (android.graphics.Color) | 4294903045 (0xFFFF0505) |
| YUV | 79.7500, -36.8517, 153.6943 |
| Hunter-Lab | 46.2380, 78.6043, 29.6836 |

Details

The Hex color **FF0505** 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 **05FFFF**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF613E**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0000**, and if you desaturate by 10%, it is **FF1F1F**.

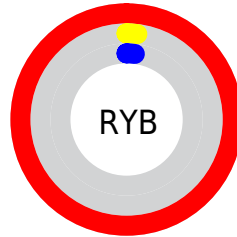
Distribution



Red (100%)

Green (2%)

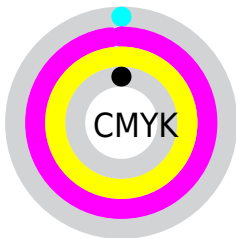
Blue (2%)



Red (100%)

Yellow (2%)

Blue (2%)

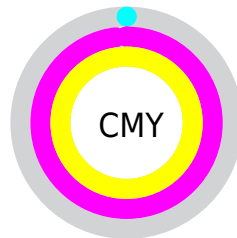


Cyan (0%)

Magenta (98%)

Yellow (98%)

Black (0%)



Cyan (0%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0505 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 FF0505 by changing the saturation by 10% instead.

 FF0505

 FF0505

 FFFFFC

 DD0000

 FF613E

 BB0000

 FF8157

 9A0000

 FF9F71

 790001

 FFBE8B

 5A0004

 FFDCA6

 3A0002

 FFFBC2

 130000

 FFFFDF

 000000

 FF0505

 FF0505

 FF0000

 FF1F1F

 FF3838

 FF5252

 FF6B6B

 FF8585

 FF9E9E

 FFB8B8

 FFD1D1

 FFE8E8

Harmonies

Analogous

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



FF0068



FF0505



CB6300

Triad

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



FF0505



009E3B



0084FF

Complementary

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



FF0505



05FFFF

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.



009AFF



FF0505



00A29B

Square

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



FF0505



009700



00A2F1



9C53FF

Rectangle

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



FF0505



9C7C00



00A2F1



008DFF

Sweetspot

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



FF0505



FFB5B5



FF05FF



805353



000000



808080

Same Dimension

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



FF0505



FF0000



FF8205



807373



BF0000



400000

Inverse Universe

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



05FFFF



00FFFF



0582FF



738080



00BFBF



004040

Previews

White Background



This preview shows how the Hex color FF0505 looks on a white background.

Color Contrast Check

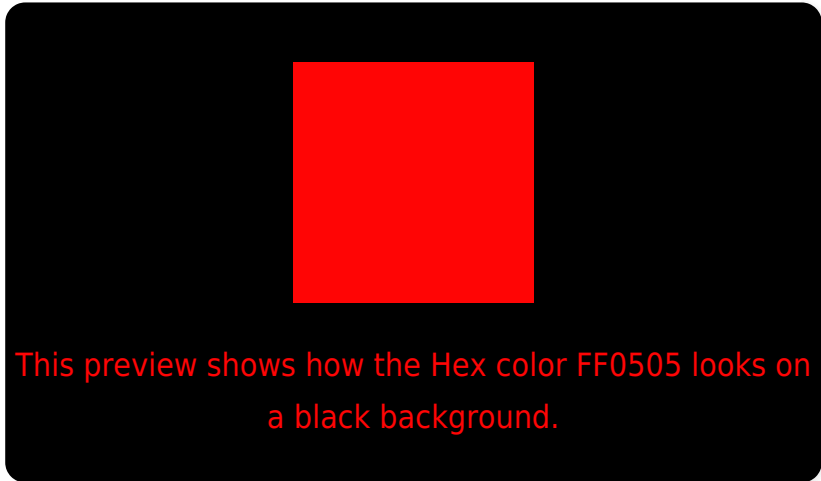
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0505 Background



This preview shows how black text looks on a background with the Hex color FF0505.



This preview shows how white text looks on a background with the Hex color FF0505.

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
FF0505

Protanopia
908122

Deuteranopia
A27A00



Tritanopia
FD1800

Trichromacy



Original Color
FF0505



Protanomaly
B85417



Deuteranomaly
C44F02



Tritanomaly
FE1102

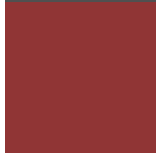
Monochromacy



Original Color
FF0505



Achromatopsia
505050



Achromatomaly
903535

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0505 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 #FF0505 looks like.

```
.text, #text, p{  
    color:#FF0505  
}
```

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 #FF0505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0505
}
```

Border

The CSS property to change the border of an element to Hex FF0505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

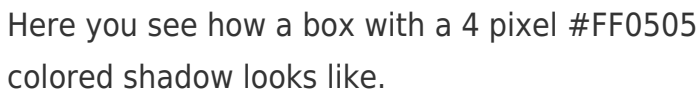
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF0505 }
```

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

```
.border{ border-color:#FF0505 }
```

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



Here you see how a box with a 4 pixel #FF0505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0505; -webkit-box-shadow:4px 4px  
4px 4px #FF0505; box-shadow:4px 4px 4px  
4px #FF0505 }
```

Background

The CSS property to change the background color of an element to Hex FF0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0505 }
```

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

```
.background{ background-color:#FF0505 }
```

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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