

Converting Colors

Hex(FA5005)

Have a look what the booklet for
Hex(FA5005) contains.

Hex(FA5005)	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(FA5005)

Conversions

Conversions Part 1

Format	Color
Hex	FA5005
RGB	250, 80, 5
RGB Percent	98%, 31%, 2%
CMY	0.0196, 0.6863, 0.9804
CMYK	0.00, 0.68, 0.98, 0.02
HSL	18°, 96%, 50%
HSV	18°, 98%, 98%
XYZ	42.3204, 26.0723, 2.9455
YIQ	122.2800, 125.3950, 12.7150

Conversions

Conversions Part 2

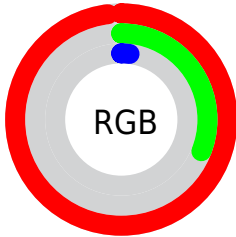
Format	Color
RYB	250, 113, 5
Decimal	16404485
CIELab	58.11, 62.38, 67.73
CIELCh	58, 92.082, 47.353
Yxy	26.0723, 0.5932, 0.3655
Android (android.graphics.Color)	4294594565 (0xFFFA5005)
YUV	122.2800, -57.8190, 112.0104
Hunter-Lab	51.0610, 58.5876, 32.3225

Details

The Hex color **FA5005** 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 **05AFFA**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8943**, and **B80000** is the 20% darker color. If you saturate the color by 10%, you get **FA4D00**, and if you desaturate by 10%, it is **FA611E**.

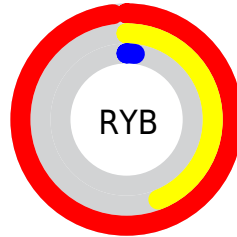
Distribution



Red (98%)

Green (31%)

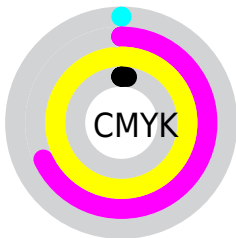
Blue (2%)



Red (98%)

Yellow (44%)

Blue (2%)

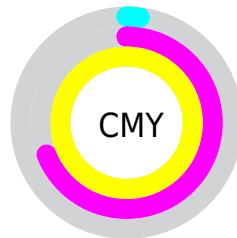


Cyan (0%)

Magenta (68%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (69%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA5005 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 FA5005 by changing the saturation by 10% instead.

 FA5005

 FA5005

FFFFFF

 D93100

 FF8943

 B80000

 FFA65D

 980000

 FFC378

 780000

 FFE093

 590000

 FFFEAE

 3D0003

 FFFFCA

 170000

 FFFF7E

 000000

 FA5005

 FA5005

FA4D00

FA611E

FA7337

FA8450

FA9569

FAA782

FAB89B

FAC9B4

FADBCD

FAECE6

Harmonies

Analogous

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



FF0061



FA5005



C57C00

Triad

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



FA5005



00AB65



0086FF

Complementary

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



FA5005



05AFFA

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.



00A0FF



FA5005



00ADBA

Square

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



FA5005



00A400



00ABFF



C659FB

Rectangle

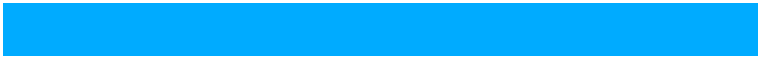
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FA5005



988F00



00ABFF



0090FF

Sweetspot

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



FA5005



FFCCB5



FA05B1



806153



000000



808080

Same Dimension

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



FA5005



FF4E00



FAC905



7D7470



BD3A00



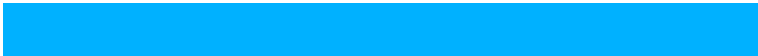
3D1300

Inverse Universe

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



05AFFA



00B1FF



0536FA



70797D



0083BD



002A3D

Previews

White Background



This preview shows how the Hex color FA5005 looks on a white background.

Color Contrast Check

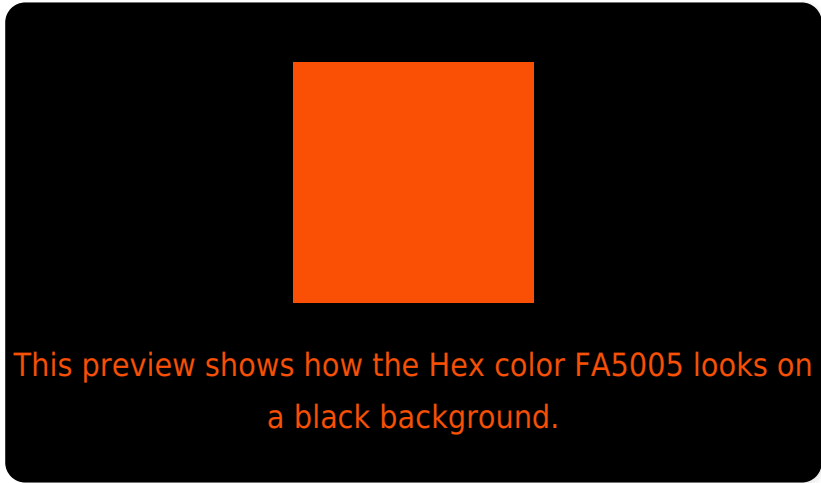
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA5005 Background



This preview shows how black text looks on a background with the Hex color FA5005.



This preview shows how white text looks on a background with the Hex color FA5005.

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
FA5005

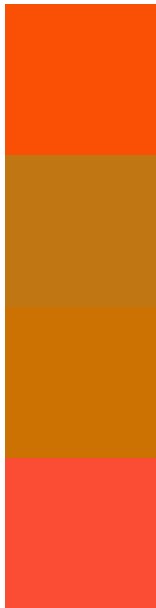
Protanopia
9E8C1B

Deuteranopia
B18500



Tritanopia
FB4B4E

Trichromacy



Original Color
FA5005

Protanomaly
BF7613

Deuteranomaly
CC7202

Tritanomaly
FB4D33

Monochromacy



Original Color
FA5005

Achromatopsia
7A7A7A

Achromatomaly
A96B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex FA5005 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 #FA5005 looks like.

```
.text, #text, p{  
    color:#FA5005  
}
```

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 #FA5005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA5005
}
```

Border

The CSS property to change the border of an element to Hex FA5005 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
#FA5005 }
```

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

```
.border{ border-color:#FA5005 }
```

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

Here you see how a box with a 4 pixel #FA5005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA5005; -webkit-box-shadow:4px 4px  
4px 4px #FA5005; box-shadow:4px 4px 4px  
4px #FA5005 }
```

Background

The CSS property to change the background color of an element to Hex FA5005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA5005 }
```

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

```
.background{ background-color:#FA5005 }
```

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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