

Converting Colors

Hex(FE5000)

Have a look what the booklet for
Hex(FE5000) contains.

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Color

Hex(FE5000)

Conversions

Conversions Part 1

Format	Color
Hex	FE5000
RGB	254, 80, 0
RGB Percent	100%, 31%, 0%
CMY	0.0039, 0.6863, 1.0000
CMYK	0.00, 0.69, 1.00, 0.00
HSL	19°, 100%, 50%
HSV	19°, 100%, 100%
XYZ	43.7417, 26.8082, 2.8690
YIQ	122.9060, 129.3840, 12.0080

Conversions

Conversions Part 2

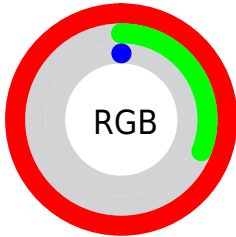
Format	Color
R_{YB}	254, 117, 0
Decimal	16666624
CIE _{Lab}	58.80, 63.63, 69.44
CIE _{LCh}	59, 94.190, 47.500
Yxy	26.8082, 0.5958, 0.3651
Android (android.graphics.Color)	4294856704 (0xFFFE5000)
YUV	122.9060, -60.5927, 114.9694
Hunter-Lab	51.7766, 60.1907, 32.9582

Details

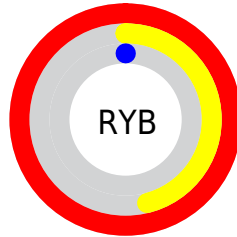
The Hex color **FE5000** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **00AEFE**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8A41**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FE5000**, and if you desaturate by 10%, it is **FE6119**.

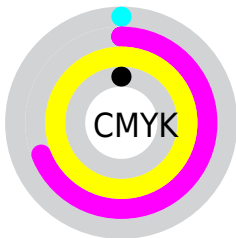
Distribution



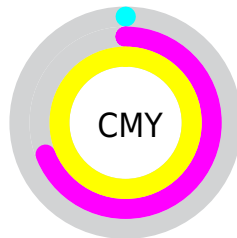
- Red (100%)
- Green (31%)
- Blue (0%)



- Red (100%)
- Yellow (46%)
- Blue (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE5000 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 FE5000 by changing the saturation by 10% instead.

 FE5000

 FE5000

FFFFFF

 DD3100

 FF8A41

 BC0000

 FFA65B

 9B0000

 FFC376

 7B0000

 FFE191

 5C0000

 FFFEAD

 400003

 FFFFC9

 1D0001

 FFFF66

 000000

 FE5000

 FE6119

 FE7333

 FE844C

 FE9666

 FEA77F

 FEB898

 FECAB2

 FEDBCB

 FEEDE5

Harmonies

Analogous

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



FF0062



FE5000



C87D00

Triad

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



FE5000



00AD67



0087FF

Complementary

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



FE5000



00AEFE

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.



00A2FF



FE5000



00B0BD

Square

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



FE5000



00A700



00ADFF



C959FF

Rectangle

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



FE5000



999100



00ADFF



0092FF

Sweetspot

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



FE5000



FFCBB3



FE00B2



806052



000000



808080

Same Dimension

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



FE5000



FF5000



FECB00



807773



BF3C00



401400

Inverse Universe

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



00AEFE



00AFFF



0033FE



737B80



0083BF



002C40

Previews

White Background



This preview shows how the Hex color FE5000 looks on a white background.

Color Contrast Check

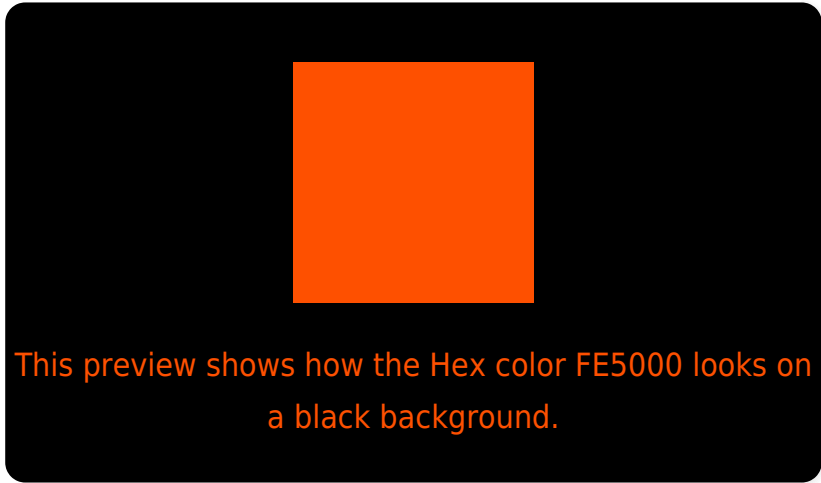
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE5000 Background



This preview shows how black text looks on a background with the Hex color FE5000.



This preview shows how white text looks on a background with the Hex color FE5000.

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
FE5000

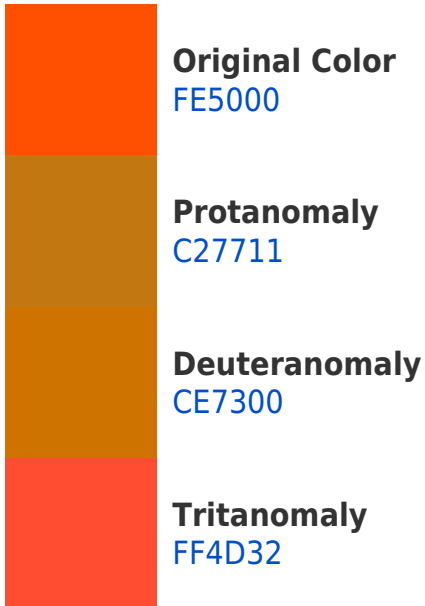
Protanopia
A08E1B

Deuteranopia
B38700



Tritanopia
FF4B4E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FE5000 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 #FE5000 looks like.

```
.text, #text, p{  
    color:#FE5000  
}
```

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 #FE5000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE5000
}
```

Border

The CSS property to change the border of an element to Hex FE5000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

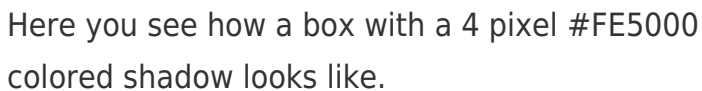
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FE5000 }
```

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

```
.border{ border-color:#FE5000 }
```

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



Here you see how a box with a 4 pixel `#FE5000` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE5000; -webkit-box-shadow:4px 4px  
4px 4px #FE5000; box-shadow:4px 4px 4px  
4px #FE5000 }
```

Background

The CSS property to change the background color of an element to Hex FE5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE5000 }
```

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

```
.background{ background-color:#FE5000 }
```

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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