

Converting Colors

Hex(FE5A01)

Have a look what the booklet for
Hex(FE5A01) contains.

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Color

Hex(FE5A01)

Conversions

Conversions Part 1

Format	Color
Hex	FE5A01
RGB	254, 90, 1
RGB Percent	100%, 35%, 0%
CMY	0.0039, 0.6471, 0.9961
CMYK	0.00, 0.65, 1.00, 0.00
HSL	21°, 99%, 50%
HSV	21°, 100%, 100%
XYZ	44.5347, 28.3854, 3.1604
YIQ	128.8900, 126.3130, 7.0890

Conversions

Conversions Part 2

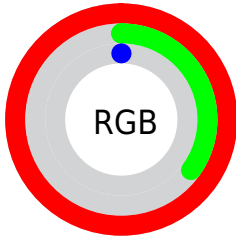
Format	Color
R_{YB}	254, 138, 1
Decimal	16669185
CIE _{Lab}	60.24, 59.75, 69.98
CIE _{LCh}	60, 92.014, 49.507
Yxy	28.3854, 0.5854, 0.3731
Android (android.graphics.Color)	4294859265 (0xFFFE5A01)
YUV	128.8900, -63.0498, 109.7215
Hunter-Lab	53.2779, 55.9708, 33.7775

Details

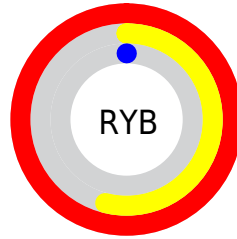
The Hex color **FE5A01** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **01A5FE**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9243**, and **BC1A00** is the 20% darker color. If you saturate the color by 10%, you get **FE5900**, and if you desaturate by 10%, it is **FE6A1A**.

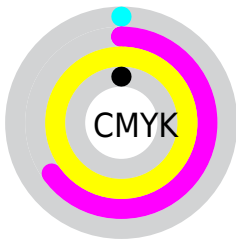
Distribution



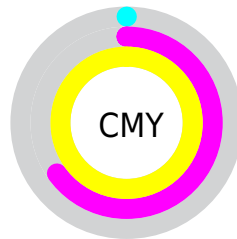
- Red (100%)
- Green (35%)
- Blue (0%)



- Red (100%)
- Yellow (54%)
- Blue (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE5A01 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 FE5A01 by changing the saturation by 10% instead.

 FE5A01

 FE5A01

FFFFFF

 DD3D00

 FF9243

 BC1A00

 FFAF5D

 9C0000

 FFCC78

 7C0000

 FFE993

 5D0000

 FFFF4F

 410003

 FFFF4B

 1F0001

 FFFF48

 000000

 FE5A01

 FE5A01

■ FE5900

■ FE6A1A

■ FE7B34

■ FE8B4D

■ FE9C67

■ FEAC80

■ FEBD99

■ FECDB3

■ FEDECC

■ FEEEE6

Harmonies

Analogous

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



FF1A61



FE5A01



C78400

Triad

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



FE5A01



00B171



0789FF

Complementary

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



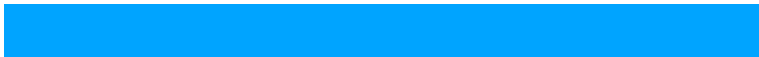
FE5A01



01A5FE

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.



00A4FF



FE5A01



00B3C6

Square

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



FE5A01



00AB08



00B0FF



D35BFC

Rectangle

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



FE5A01



999600



00B0FF



0094FF

Sweetspot

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



FE5A01



FFCDB3



FE01A5



806252



000000



808080

Same Dimension

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



FE5A01



FF5A00



FED801



807773



BF4300



401600

Inverse Universe

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



01A5FE



00A5FF



0127FE



737B80



007CBF



002940

Previews

White Background



This preview shows how the Hex color FE5A01 looks on a white background.

Color Contrast Check

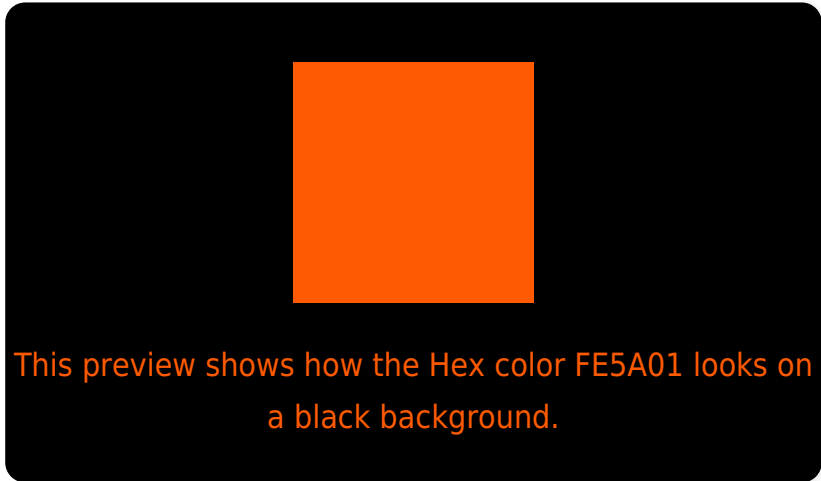
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE5A01 Background



This preview shows how black text looks on a background with the Hex color FE5A01.



This preview shows how white text looks on a background with the Hex color FE5A01.

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
FE5A01

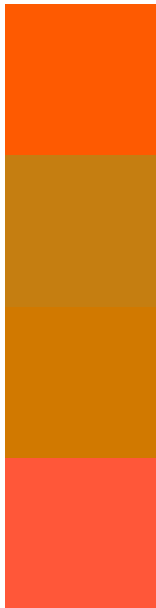
Protanopia
A4921A

Deuteranopia
B88A00



Tritanopia
FF5559

Trichromacy



Original Color
FE5A01

Protanomaly
C57E11

Deuteranomaly
D17900

Tritanomaly
FF5739

Monochromacy



Original Color
FE5A01

Achromatopsia
818181

Achromatomaly
AE7352

CSS Examples

Text

The CSS property to change the color of the text to Hex FE5A01 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 #FE5A01 looks like.

```
.text, #text, p{  
    color:#FE5A01  
}
```

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 #FE5A01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE5A01
}
```

Border

The CSS property to change the border of an element to Hex FE5A01 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
#FE5A01 }
```

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

```
.border{ border-color:#FE5A01 }
```

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

Here you see how a box with a 4 pixel #FE5A01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE5A01; -webkit-box-shadow:4px 4px  
4px 4px #FE5A01; box-shadow:4px 4px 4px  
4px #FE5A01 }
```

Background

The CSS property to change the background color of an element to Hex FE5A01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE5A01 }
```

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

```
.background{ background-color:#FE5A01 }
```

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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