

Converting Colors

Hex(FE5B21)

Have a look what the booklet for
Hex(FE5B21) contains.

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Color

Hex(FE5B21)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FE5B21 |
| RGB | 254, 91, 33 |
| RGB Percent | 100%, 36%, 13% |
| CMY | 0.0039, 0.6431, 0.8706 |
| CMYK | 0.00, 0.64, 0.87, 0.00 |
| HSL | 16°, 99%, 56% |
| HSV | 16°, 87%, 100% |
| XYZ | 44.8886, 28.6628, 4.6054 |
| YIQ | 133.1250, 115.7660, 16.5180 |

Conversions

Conversions Part 2

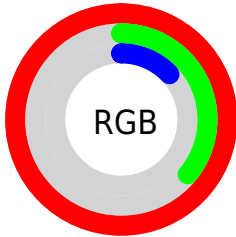
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 254, 112, 33 |
| Decimal | 16669473 |
| CIELab | 60.48, 59.71, 62.18 |
| CIELCh | 60, 86.208, 46.163 |
| Yxy | 28.6628, 0.5743, 0.3667 |
| Android (android.graphics.Color) | 4294859553 (0xFFFE5B21) |
| YUV | 133.1250, -49.3616, 106.0074 |
| Hunter-Lab | 53.5377, 55.9724, 32.3761 |

Details

The Hex color **FE5B21** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **21C4FE**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9355**, and **BD1C00** is the 20% darker color. If you saturate the color by 10%, you get **FE4808**, and if you desaturate by 10%, it is **FE6E3A**.

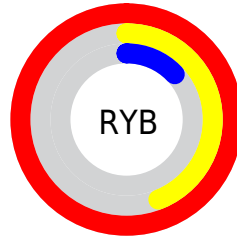
Distribution



Red (100%)

Green (36%)

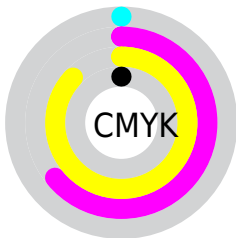
Blue (13%)



Red (100%)

Yellow (44%)

Blue (13%)

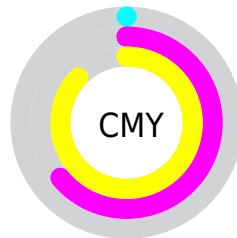


Cyan (0%)

Magenta (64%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE5B21 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 FE5B21 by changing the saturation by 10% instead.

 FE5B21

 FE5B21

FFFFFF

 DD3E00

 FF9355

 BD1C00

 FFB06F

 9C0000

 FFCD89

 7D0000

 FFEAA5

 5E0000

 FFFFC0

 420003

 FFFFDD

 200001

 FFFFFA

 000000

 FE5B21

 FE5B21

 FE4808

 FE6E3A

 FE4300

 FE8054

 FE936D

 FEA687

 FEB9A0

 FECBB9

 FEDED3

 FEF1EC

FEFFFF

Harmonies

Analogous

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



FF2E6D



FE5B21



CD8200

Triad

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



FE5B21



00B06B



008DFF

Complementary

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



FE5B21



21C4FE

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.



00A5FF



FE5B21



00B3BA

Square

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



FE5B21



11A90C



00B0FF



C666FD

Rectangle

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



FE5B21



A29400



00B0FF



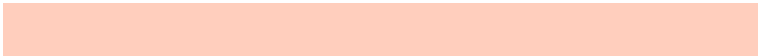
0097FF

Sweetspot

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



FE5B21



FFCEBD



FE21C7



806258



000000



808080

Same Dimension

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



FE5B21



FF4300



FEC721



807673



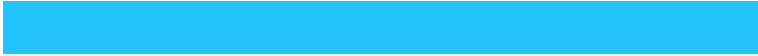
BF3200



401100

Inverse Universe

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



21C4FE



00BCFF



2158FE



737C80



008DBF



002F40

Previews

White Background



This preview shows how the Hex color FE5B21 looks on a white background.

Color Contrast Check

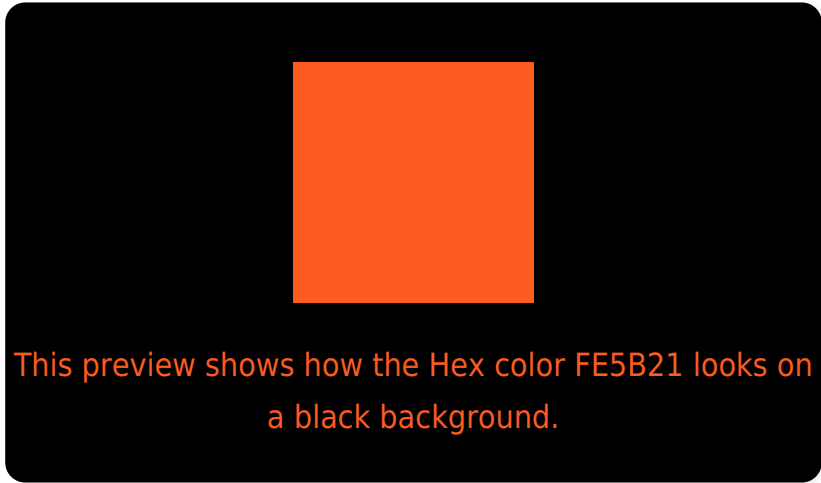
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE5B21 Background



This preview shows how black text looks on a background with the Hex color FE5B21.



This preview shows how white text looks on a background with the Hex color FE5B21.

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
FE5B21

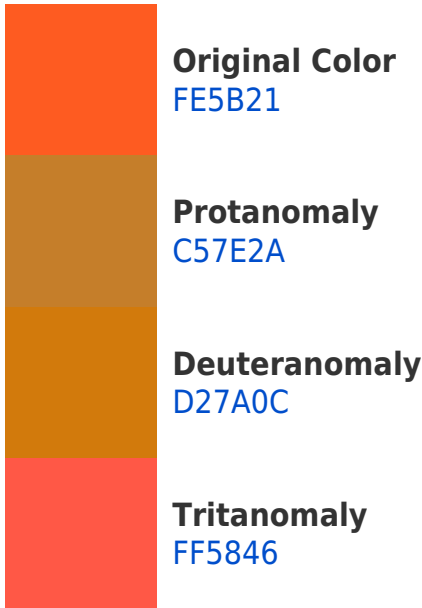
Protanopia
A4922F

Deuteranopia
B98B00



Tritanopia
FF565B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FE5B21 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 #FE5B21 looks like.

```
.text, #text, p{  
    color:#FE5B21  
}
```

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 #FE5B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE5B21
}
```

Border

The CSS property to change the border of an element to Hex FE5B21 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
#FE5B21 }
```

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

```
.border{ border-color:#FE5B21 }
```

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

Here you see how a box with a 4 pixel #FE5B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE5B21; -webkit-box-shadow:4px 4px  
4px 4px #FE5B21; box-shadow:4px 4px 4px  
4px #FE5B21 }
```

Background

The CSS property to change the background color of an element to Hex FE5B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE5B21 }
```

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

```
.background{ background-color:#FE5B21 }
```

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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