

Converting Colors

Hex(FC5622)

Have a look what the booklet for
Hex(FC5622) contains.

Hex(FC5622)	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(FC5622)

Conversions

Conversions Part 1

Format	Color
Hex	FC5622
RGB	252, 86, 34
RGB Percent	99%, 34%, 13%
CMY	0.0118, 0.6627, 0.8667
CMYK	0.00, 0.66, 0.87, 0.01
HSL	14°, 97%, 56%
HSV	14°, 87%, 99%
XYZ	43.7614, 27.4665, 4.5085
YIQ	129.7060, 115.6280, 19.0200

Conversions

Conversions Part 2

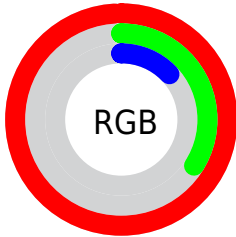
Format	Color
RYB	252, 102, 34
Decimal	16537122
CIELab	59.40, 61.07, 60.81
CIElCh	59, 86.188, 44.878
Yxy	27.4665, 0.5778, 0.3627
Android (android.graphics.Color)	4294727202 (0xFFFC5622)
YUV	129.7060, -47.1831, 107.2518
Hunter-Lab	52.4085, 57.3336, 31.5855

Details

The Hex color **FC5622** 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 **22C8FC**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF8F55**, and **BB1200** is the 20% darker color. If you saturate the color by 10%, you get **FC4309**, and if you desaturate by 10%, it is **FC693B**.

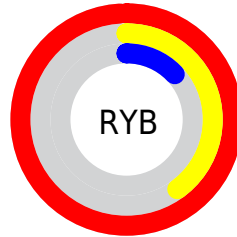
Distribution



Red (99%)

Green (34%)

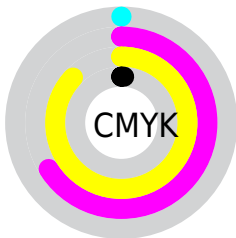
Blue (13%)



Red (99%)

Yellow (40%)

Blue (13%)

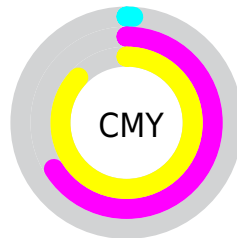


Cyan (0%)

Magenta (66%)

Yellow (87%)

Black (1%)



Cyan (1%)

Magenta (66%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC5622 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 FC5622 by changing the saturation by 10% instead.

 FC5622

 FC5622

FFFFFF

 DB3802

 FF8F55

 BB1200

 FFAB6F

 9A0000

 FFC88A

 7B0000

 FFE5A5

 5C0000

 FFFFC0

 400003

 FFFFDD

 1D0001

 FFFFFA

 000000

 FC5622

 FC5622

 FC4309

 FC693B

 FC3C00

 FC7C54

 FC906E

 FCA387

 FCB6A0

 FCC9B9

 FCD CD2

 FCF0EC

 FCFFFF

Harmonies

Analogous

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



FF286D



FC5622



CC7D00

Triad

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



FC5622



00AD65



008CFF

Complementary

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



FC5622



22C8FC

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.



00A3FF



FC5622



00AFB4

Square

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



FC5622



19A600



00ADF9



BF65FC

Rectangle

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



FC5622



A29000



00ADF9



0095FF

Sweetspot

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



FC5622



FFCDBD



FC22C9



806158



000000



808080

Same Dimension

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



FC5622



FF3D00



FCC222



7D7370



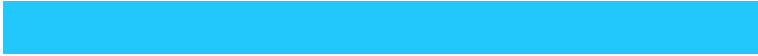
BD2D00



3D0F00

Inverse Universe

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



22C8FC



00C2FF



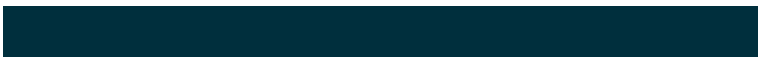
225CFC



707A7D



0090BD



002F3D

Previews

White Background



This preview shows how the Hex color FC5622 looks on a white background.

Color Contrast Check

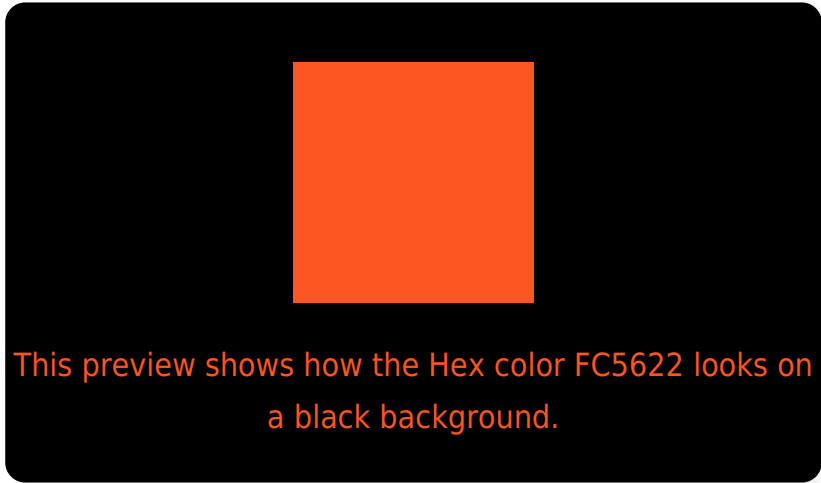
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC5622 Background



This preview shows how black text looks on a background with the Hex color FC5622.

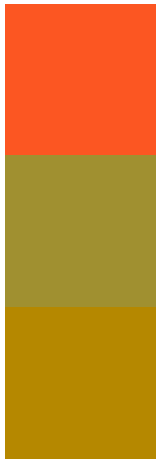


This preview shows how white text looks on a background with the Hex color FC5622.

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
FC5622

Protanopia
A09030

Deuteranopia
B58800



Trichromacy



Original Color
FC5622

Protanomaly
C17B2B

Deuteranomaly
CF760C

Tritanomaly
FD5342

Monochromacy



Original Color
FC5622

Achromatopsia
828282

Achromatomaly
AE725F

CSS Examples

Text

The CSS property to change the color of the text to Hex FC5622 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 #FC5622 looks like.

```
.text, #text, p{  
    color:#FC5622  
}
```

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 #FC5622 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC5622
}
```

Border

The CSS property to change the border of an element to Hex FC5622 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
#FC5622 }
```

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

```
.border{ border-color:#FC5622 }
```

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

Here you see how a box with a 4 pixel #FC5622 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC5622; -webkit-box-shadow:4px 4px  
4px 4px #FC5622; box-shadow:4px 4px 4px  
4px #FC5622 }
```

Background

The CSS property to change the background color of an element to Hex FC5622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC5622 }
```

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

```
.background{ background-color:#FC5622 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor