

Converting Colors

Hex(FF570C)

Have a look what the booklet for
Hex(FF570C) contains.

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Color

Hex(F570C)

Conversions

Conversions Part 1

Format	Color
Hex	FF570C
RGB	255, 87, 12
RGB Percent	100%, 34%, 5%
CMY	0.0000, 0.6588, 0.9529
CMYK	0.00, 0.66, 0.95, 0.00
HSL	19°, 100%, 52%
HSV	19°, 95%, 100%
XYZ	44.7146, 28.1029, 3.4155
YIQ	128.6820, 124.2030, 12.2910

Conversions

Conversions Part 2

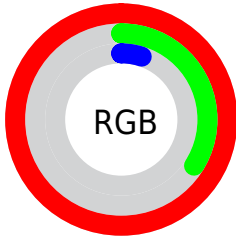
Format	Color
R_{YB}	255, 120, 12
Decimal	16733964
CIE _{Lab}	59.98, 61.37, 67.93
CIE _{LCh}	60, 91.541, 47.905
Yxy	28.1029, 0.5866, 0.3686
Android (android.graphics.Color)	4294924044 (0xFFFF570C)
YUV	128.6820, -57.5242, 110.7809
Hunter-Lab	53.0122, 57.7892, 33.2886

Details

The Hex color **FF570C** 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 **0CB4FF**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9047**, and **BD1300** is the 20% darker color. If you saturate the color by 10%, you get **FF4F00**, and if you desaturate by 10%, it is **FF6926**.

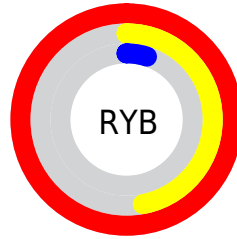
Distribution



Red (100%)

Green (34%)

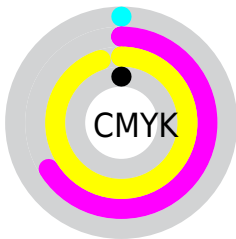
Blue (5%)



Red (100%)

Yellow (47%)

Blue (5%)

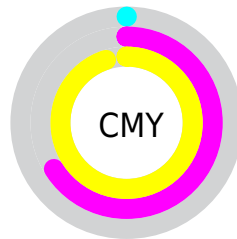


Cyan (0%)

Magenta (66%)

Yellow (95%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF570C 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 FF570C by changing the saturation by 10% instead.

 FF570C

 FF570C

FFFFFF

 DE3900

 FF9047

 BD1300

 FFAC62

 9D0000

 FFC97C

 7D0000

 FFE697

 5E0000

 FFFFB3

 420003

 FFFFCE

 200001

 FFFFEC

 000000

 FF570C

 FF570C

 FF4F00

 FF6926

 FF7A3F

 FF8C59

 FF9E72

 FFAF8C

 FFC1A5

 FFD2BF

 FFE4D8

 FFF6F2

Harmonies

Analogous

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



FF1665



FF570C



CA8100

Triad

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



FF570C



00B06C



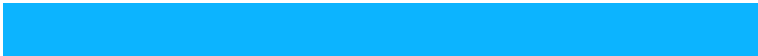
008AFF

Complementary

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



FF570C



0CB4FF

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



FF570C



00B2C0

Square

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



FF570C



00AA00



00B0FF



CD5EFE

Rectangle

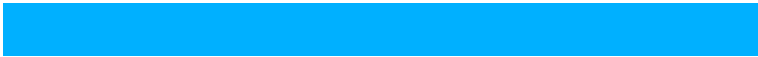
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF570C



9C9400



00B0FF



0095FF

Sweetspot

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



FF570C



FFCCB5



FF0CB6



806153



000000



808080

Same Dimension

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



FF570C



FF4F00



FFCE0C



807773



BF3B00



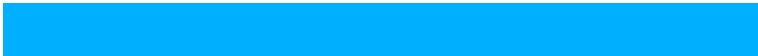
401400

Inverse Universe

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



0CB4FF



00B0FF



0C3DFF



737C80



0084BF



002C40

Previews

White Background



This preview shows how the Hex color FF570C looks on a white background.

Color Contrast Check

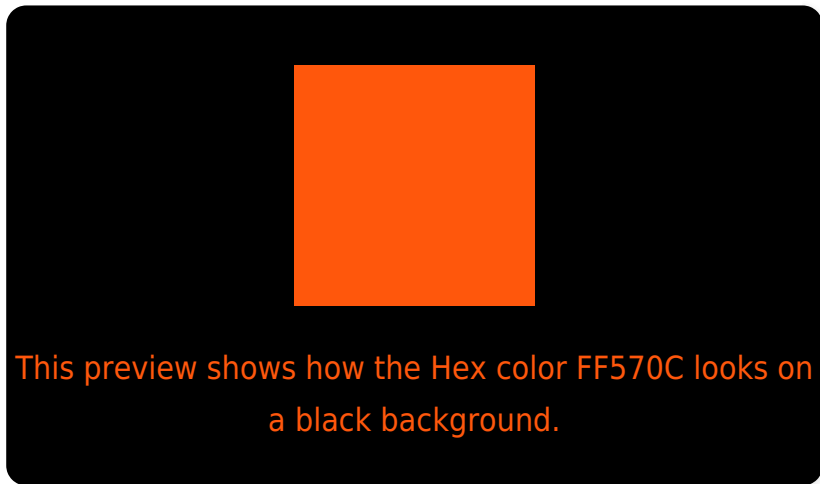
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF570C Background



This preview shows how black text looks on a background with the Hex color FF570C.



This preview shows how white text looks on a background with the Hex color FF570C.

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
FF570C

Protanopia
A3911E

Deuteranopia
B78A00



Tritanopia
FF5357

Trichromacy



Original Color
FF570C

Protanomaly
C47C17

Deuteranomaly
D17704

Tritanomaly
FF543C

Monochromacy



Original Color
FF570C

Achromatopsia
818181

Achromatomaly
AF7256

CSS Examples

Text

The CSS property to change the color of the text to Hex FF570C 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 #FF570C looks like.

```
.text, #text, p{  
    color:#FF570C  
}
```

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 #FF570C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF570C
}
```

Border

The CSS property to change the border of an element to Hex FF570C 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
#FF570C }
```

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

```
.border{ border-color:#FF570C }
```

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

Here you see how a box with a 4 pixel #FF570C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF570C; -webkit-box-shadow:4px 4px  
4px 4px #FF570C; box-shadow:4px 4px 4px  
4px #FF570C }
```

Background

The CSS property to change the background color of an element to Hex FF570C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF570C }
```

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

```
.background{ background-color:#FF570C }
```

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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