

# Converting Colors

Hex(FC2600)

Have a look what the booklet for  
Hex(FC2600) contains.

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**Color**

**Hex(FC2600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FC2600
RGB	252, 38, 0
RGB Percent	99%, 15%, 0%
CMY	0.0118, 0.8510, 1.0000
CMYK	0.00, 0.85, 1.00, 0.01
HSL	9°, 100%, 49%
HSV	9°, 100%, 99%
XYZ	40.8380, 22.0817, 2.1098
YIQ	97.6540, 139.7420, 33.5500

# Conversions

## Conversions Part 2

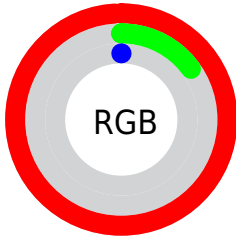
Format	Color
<a href="#">RYB</a>	252, 45, 0
Decimal	16524800
CIELab	54.11, 75.08, 67.17
CIELCh	54, 100.739, 41.816
Yxy	22.0817, 0.6280, 0.3396
Android (android.graphics.Color)	4294714880 (0xFFFC2600)
YUV	97.6540, -48.1434, 135.3614
Hunter-Lab	46.9911, 72.8922, 30.2318

# Details

The Hex color **FC2600** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **00D6FC**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6C3C**, and **B90000** is the 20% darker color. If you saturate the color by 10%, you get **FC2600**, and if you desaturate by 10%, it is **FC3B19**.

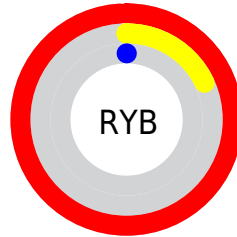
# Distribution



Red (99%)

Green (15%)

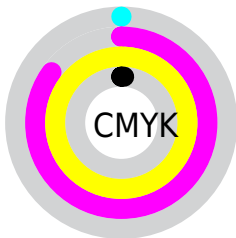
Blue (0%)



Red (99%)

Yellow (18%)

Blue (0%)

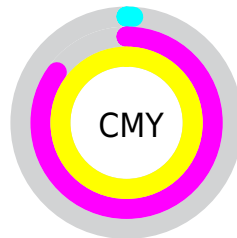


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC2600 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 FC2600 by changing the saturation by 10% instead.



 FC2600

 FC2600

 FFFFFB

 DA0000

 FF6C3C

 B90000

 FF8A56

 980000

 FFA870

 770000

 FFC68A

 580003

 FFE4A6

 390002

 FFFFC1

 100000

 FFFFDE

 000000

 FC2600

 FC3B19

 FC5132

 FC664C

 FC7C65

 FC917E

 FCA697

 FCBCB0

 FCD1CA

 FCE7E3

# Harmonies

## Analogous

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



FF0064



FC2600



C86900

# Triad

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



FC2600



00A046



0083FF

# Complementary

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



FC2600



00D6FC

# 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.



009AFF



FC2600



00A3A3

# Square

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



FC2600



009900



00A3F5



A852FF

# Rectangle

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



FC2600



998000



00A3F5



008DFF



# Sweetspot

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



FC2600



FFBEB3



FC00D6



805952



000000



808080



# Same Dimension

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



FC2600



FF2600



FCA400



7D7270



BD1C00

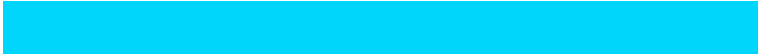


3D0900



# Inverse Universe

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



00D6FC



00D9FF



0058FC



707B7D



00A0BD



00343D



# Previews

## White Background



This preview shows how the Hex color FC2600 looks on a white background.

## Color Contrast Check

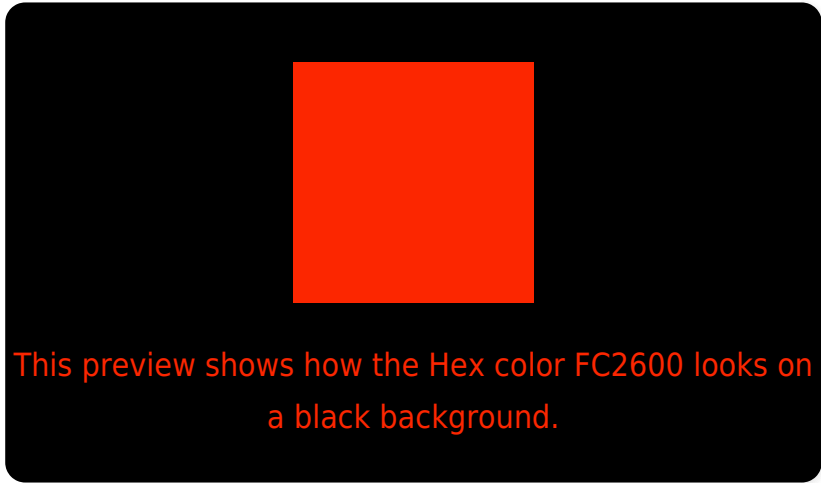
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC2600 Background



This preview shows how black text looks on a background with the Hex color FC2600.



This preview shows how white text looks on a background with the Hex color FC2600.

# 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**  
FC2600

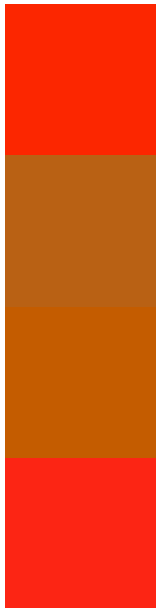
**Protanopia**  
92821F

**Deuteranopia**  
A47B00



**Tritanopia**  
FC2420

# Trichromacy



**Original Color**  
FC2600

**Protanomaly**  
B96114

**Deuteranomaly**  
C45C00

**Tritanomaly**  
FC2514

# Monochromacy



**Original Color**  
FC2600

**Achromatopsia**  
626262

**Achromatomaly**  
9A4C3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC2600 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 #FC2600 looks like.

```
.text, #text, p{  
    color:#FC2600  
}
```

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 #FC2600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC2600
}
```

## Border

The CSS property to change the border of an element to Hex FC2600 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
#FC2600 }
```

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

```
.border{ border-color:#FC2600 }
```

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

Here you see how a box with a 4 pixel #FC2600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC2600; -webkit-box-shadow:4px 4px  
4px 4px #FC2600; box-shadow:4px 4px 4px  
4px #FC2600 }
```

# Background

The CSS property to change the background color of an element to Hex FC2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC2600 }
```

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

```
.background{ background-color:#FC2600 }
```

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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