

Converting Colors

Hex(F00C2A)

Have a look what the booklet for
Hex(F00C2A) contains.

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Color

Hex(F00C2A)

Conversions

Conversions Part 1

Format	Color
Hex	F00C2A
RGB	240, 12, 42
RGB Percent	94%, 5%, 16%
CMY	0.0588, 0.9529, 0.8353
CMYK	0.00, 0.95, 0.83, 0.06
HSL	352°, 90%, 49%
HSV	352°, 95%, 94%
XYZ	36.4846, 18.9554, 3.9263
YIQ	83.5920, 126.2580, 57.6660

Conversions

Conversions Part 2

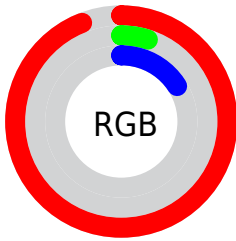
Format	Color
RYB	240, 12, 42
Decimal	15731754
CIELab	50.63, 76.16, 48.81
CIELCh	51, 90.460, 32.657
Yxy	18.9554, 0.6146, 0.3193
Android (android.graphics.Color)	4293921834 (0xFFFF00C2A)
YUV	83.5920, -20.5049, 137.1698
Hunter-Lab	43.5378, 73.3916, 25.1296

Details

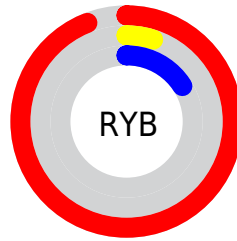
The Hex color **F00C2A** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0CF0D2**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6059**, and **AE0000** is the 20% darker color. If you saturate the color by 10%, you get **F00020**, and if you desaturate by 10%, it is **F0243F**.

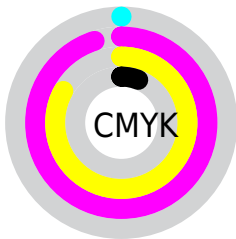
Distribution



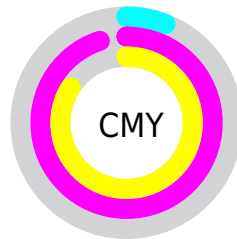
- Red (94%)
- Green (5%)
- Blue (16%)



- Red (94%)
- Yellow (5%)
- Blue (16%)



- Cyan (0%)
- Magenta (95%)
- Yellow (83%)
- Black (6%)



- Cyan (6%)
- Magenta (95%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color F00C2A 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 F00C2A by changing the saturation by 10% instead.

 F00C2A

 F00C2A

FFFFFF

 CF0014

 FF6059

 AE0000

 FF7F72

 8D0000

 FF9D8C

 6D0002

 FFBA6

 4F0004

 FFD9C2

 2F0002

 FFF8DE

 000000

 FFFFFA

 F00C2A

 F00C2A

 F00020

 F0243F

 F03C54

 F05469

 F06C7D

 F08492

 F09CA7

 F0B4BC

 F0CCD1

 F0E4E6

Harmonies

Analogous

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



F90075



F00C2A



C95600

Triad

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



F00C2A



009329



0082FF

Complementary

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



F00C2A



0CF0D2

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.



0092FF



F00C2A



00977E

Square

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



F00C2A



378A00



0097CB



735FFD

Rectangle

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



F00C2A



A36F00



0097CB



0089FF

Sweetspot

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



F00C2A



FFB5BF



D20CF0



805359



000000



808080

Same Dimension

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



F00C2A



FF0022



F0600C



786C6D



B80018



380007

Inverse Universe

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



F00C2A



FF0022



0C9CF0



786C6D



B80018



380007

Previews

White Background



This preview shows how the Hex color F00C2A looks on a white background.

Color Contrast Check

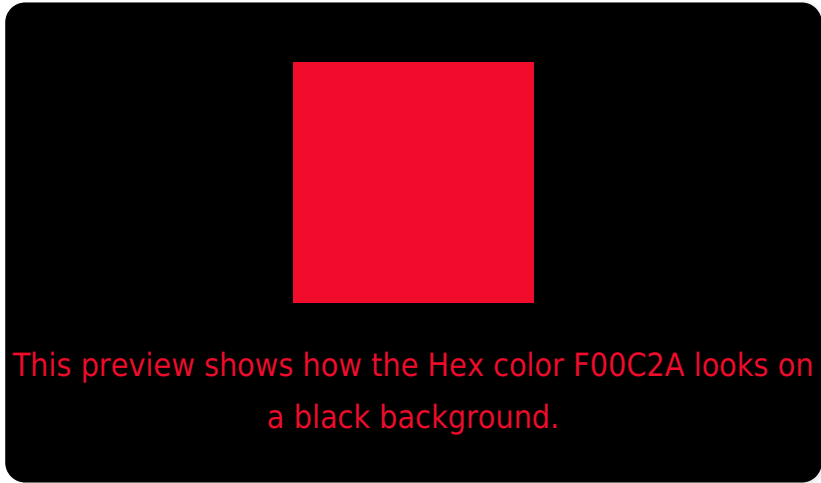
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00C2A Background



This preview shows how black text looks on a background with the Hex color F00C2A.



This preview shows how white text looks on a background with the Hex color F00C2A.

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
F00C2A

Protanopia
867A42

Deuteranopia
9A7313



Tritanopia
F01500

Trichromacy



Original Color
F00C2A



Protanomaly
AD5239



Deuteranomaly
B94E1B



Tritanomaly
F0120F

Monochromacy



Original Color
F00C2A



Achromatopsia
545454



Achromatomaly
8D3A45

CSS Examples

Text

The CSS property to change the color of the text to Hex F00C2A 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 #F00C2A looks like.

```
.text, #text, p{  
    color:#F00C2A  
}
```

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 #F00C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00C2A
}
```

Border

The CSS property to change the border of an element to Hex F00C2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

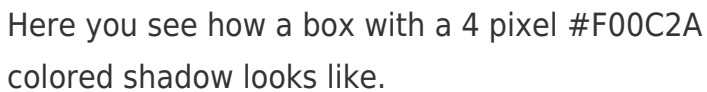
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F00C2A }
```

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

```
.border{ border-color:#F00C2A }
```

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



Here you see how a box with a 4 pixel `#F00C2A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00C2A; -webkit-box-shadow:4px 4px  
4px 4px #F00C2A; box-shadow:4px 4px 4px  
4px #F00C2A }
```

Background

The CSS property to change the background color of an element to Hex F00C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00C2A }
```

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

```
.background{ background-color:#F00C2A }
```

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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