

Converting Colors

Hex(F22C00)

Have a look what the booklet for
Hex(F22C00) contains.

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Color

Hex(F22C00)

Conversions

Conversions Part 1

Format	Color
Hex	F22C00
RGB	242, 44, 0
RGB Percent	95%, 17%, 0%
CMY	0.0510, 0.8275, 1.0000
CMYK	0.00, 0.82, 1.00, 0.05
HSL	11°, 100%, 47%
HSV	11°, 100%, 95%
XYZ	37.5186, 20.6786, 2.0139
YIQ	98.1860, 132.1320, 28.2920

Conversions

Conversions Part 2

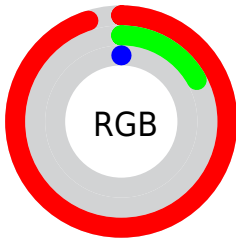
Format	Color
RYB	242, 54, 0
Decimal	15870976
CIELab	52.60, 71.11, 65.38
CIELCh	53, 96.595, 42.595
Yxy	20.6786, 0.6231, 0.3434
Android (android.graphics.Color)	4294061056 (0xFFFF22C00)
YUV	98.1860, -48.4057, 126.1249
Hunter-Lab	45.4737, 67.6944, 29.2058

Details

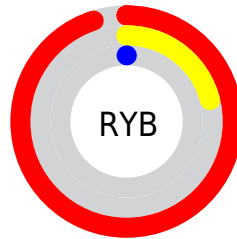
The Hex color **F22C00** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **00C6F2**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6E3B**, and **AF0000** is the 20% darker color. If you saturate the color by 10%, you get **F22C00**, and if you desaturate by 10%, it is **F24018**.

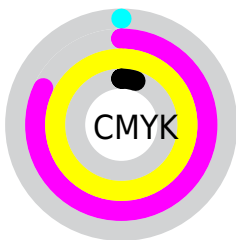
Distribution



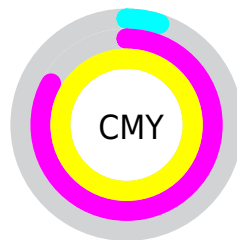
- Red (95%)
- Green (17%)
- Blue (0%)



- Red (95%)
- Yellow (21%)
- Blue (0%)



- Cyan (0%)
- Magenta (82%)
- Yellow (100%)
- Black (5%)



- Cyan (5%)
- Magenta (83%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F22C00 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 F22C00 by changing the saturation by 10% instead.

 F22C00

 F22C00

 FFFFFA

 D10000

 FF6E3B

 AF0000

 FF8B55

 8F0000

 FFA96F

 6F0000

 FFC68A

 500003

 FFE4A5

 310002

 FFFFC1

 000000

 FFFFDD

 F22C00

 F24018

 F25430

 F26749

 F27B61

 F28F79

 F2A391

 F2B7A9

 F2CAC2

 F2DEDA

Harmonies

Analogous

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



FF005F



F22C00



C06700

Triad

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



F22C00



009B48



007EFF

Complementary

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



F22C00



00C6F2

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.



0095FF



F22C00



009EA0

Square

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



F22C00



009500



009DEE



A650FA

Rectangle

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



F22C00



937D00



009DEE



0088FF

Sweetspot

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



F22C00



FFC0B3



F200CA



805A52



000000



808080

Same Dimension

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



F22C00



FF2E00



F2A100



786E6C



B82100



380A00

Inverse Universe

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



00C6F2



00D1FF



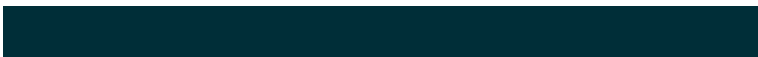
0051F2



6C7678



0096B8



002E38

Previews

White Background



This preview shows how the Hex color F22C00 looks on a white background.

Color Contrast Check

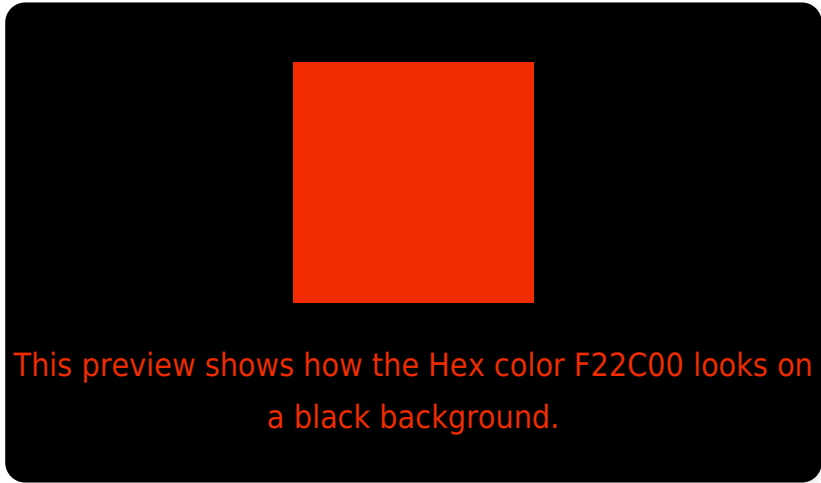
Large Text (above 18pt) WCAG AA ✓ Pass

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 F22C00 Background



This preview shows how black text looks on a background with the Hex color F22C00.



This preview shows how white text looks on a background with the Hex color F22C00.

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
F22C00

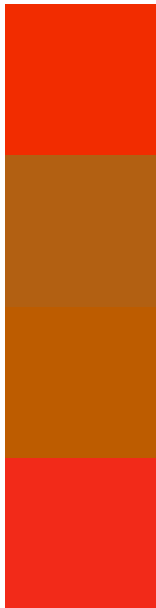
Protanopia
8E7E1D

Deuteranopia
9F7800



Tritanopia
F22928

Trichromacy



Original Color
F22C00

Protanomaly
B26012

Deuteranomaly
BD5C00

Tritanomaly
F22A19

Monochromacy



Original Color
F22C00

Achromatopsia
626262

Achromatomaly
964E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex F22C00 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 #F22C00 looks like.

```
.text, #text, p{  
    color:#F22C00  
}
```

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 #F22C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F22C00
}
```

Border

The CSS property to change the border of an element to Hex F22C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

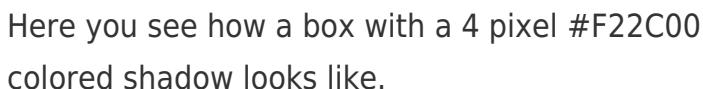
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F22C00 }
```

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

```
.border{ border-color:#F22C00 }
```

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



Here you see how a box with a 4 pixel #F22C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F22C00; -webkit-box-shadow:4px 4px  
4px 4px #F22C00; box-shadow:4px 4px 4px  
4px #F22C00 }
```

Background

The CSS property to change the background color of an element to Hex F22C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F22C00 }
```

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

```
.background{ background-color:#F22C00 }
```

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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