

Converting Colors

Hex(F22A00)

Have a look what the booklet for
Hex(F22A00) contains.

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Color

Hex(F22A00)

Conversions

Conversions Part 1

Format	Color
Hex	F22A00
RGB	242, 42, 0
RGB Percent	95%, 16%, 0%
CMY	0.0510, 0.8353, 1.0000
CMYK	0.00, 0.83, 1.00, 0.05
HSL	10°, 100%, 47%
HSV	10°, 100%, 95%
XYZ	37.4459, 20.5332, 1.9897
YIQ	97.0120, 132.6820, 29.3380

Conversions

Conversions Part 2

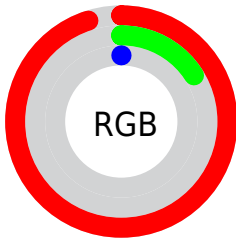
Format	Color
R_{YB}	242, 51, 0
Decimal	15870464
CIE _{Lab}	52.43, 71.57, 65.31
CIE _{LCh}	52, 96.888, 42.384
Yxy	20.5332, 0.6244, 0.3424
Android (android.graphics.Color)	4294060544 (0xFFFF22A00)
YUV	97.0120, -47.8269, 127.1545
Hunter-Lab	45.3135, 68.2090, 29.1161

Details

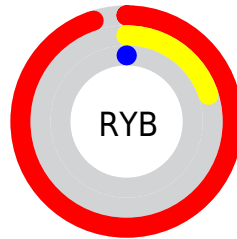
The Hex color **F22A00** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **00C8F2**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6C3B**, and **AF0000** is the 20% darker color. If you saturate the color by 10%, you get **F22A00**, and if you desaturate by 10%, it is **F23E18**.

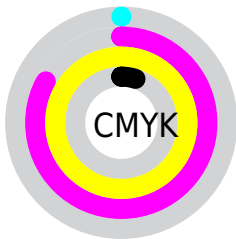
Distribution



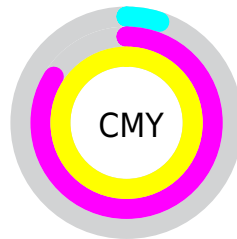
- Red (95%)
- Green (16%)
- Blue (0%)



- Red (95%)
- Yellow (20%)
- Blue (0%)



- Cyan (0%)
- Magenta (83%)
- Yellow (100%)
- Black (5%)



- Cyan (5%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F22A00 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 F22A00 by changing the saturation by 10% instead.

 F22A00

 F22A00

 FFFFFA

 D10000

 FF6C3B

 AF0000

 FF8A55

 8F0000

 FFA86F

 6F0000

 FFC589

 500003

 FFE3A5

 310002

 FFFFC0

 000000

 FFFFDD

 F22A00

 F23E18

 F25230

 F26649

 F27A61

 F28E79

 F2A291

 F2B6A9

 F2CAC2

 F2DEDA

Harmonies

Analogous

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



FF005F



F22A00



C06600

Triad

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



F22A00



009B46



007EFF

Complementary

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



F22A00



00C8F2

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



F22A00



009E9F

Square

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



F22A00



009400



009DED



A54FFA

Rectangle

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



F22A00



937D00



009DED



0087FF

Sweetspot

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



F22A00



FFC0B3



F200CA



805A52



000000



808080

Same Dimension

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



F22A00



FF2C00



F2A100



786E6C



B82000



380A00

Inverse Universe

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



00C8F2



00D3FF



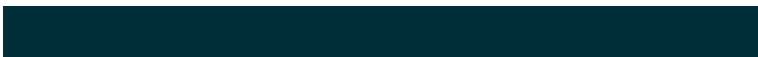
0051F2



6C7678



0098B8



002E38

Previews

White Background



This preview shows how the Hex color F22A00 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 F22A00 Background



This preview shows how black text looks on a background with the Hex color F22A00.



This preview shows how white text looks on a background with the Hex color F22A00.

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
F22A00

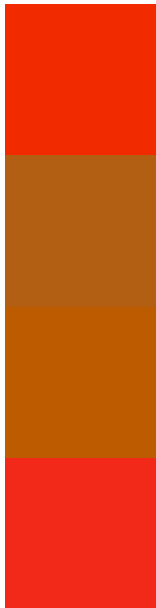
Protanopia
8D7E1E

Deuteranopia
9E7700



Tritanopia
F22826

Trichromacy



Original Color
F22A00

Protanomaly
B25F13

Deuteranomaly
BD5B00

Tritanomaly
F22918

Monochromacy



Original Color
F22A00

Achromatopsia
616161

Achromatomaly
964D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex F22A00 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 #F22A00 looks like.

```
.text, #text, p{  
    color:#F22A00  
}
```

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 #F22A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F22A00
}
```

Border

The CSS property to change the border of an element to Hex F22A00 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
#F22A00 }
```

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

```
.border{ border-color:#F22A00 }
```

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

Here you see how a box with a 4 pixel #F22A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F22A00; -webkit-box-shadow:4px 4px  
4px 4px #F22A00; box-shadow:4px 4px 4px  
4px #F22A00 }
```

Background

The CSS property to change the background color of an element to Hex F22A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F22A00 }
```

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

```
.background{ background-color:#F22A00 }
```

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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