

Converting Colors

Hex(F02220)

Have a look what the booklet for
Hex(F02220) contains.

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Color

Hex(F02220)

Conversions

Conversions Part 1

Format	Color
Hex	F02220
RGB	240, 34, 32
RGB Percent	94%, 13%, 13%
CMY	0.0588, 0.8667, 0.8745
CMYK	0.00, 0.86, 0.87, 0.06
HSL	1°, 87%, 53%
HSV	1°, 87%, 94%
XYZ	36.7679, 19.7736, 3.2453
YIQ	95.3660, 123.4180, 43.0500

Conversions

Conversions Part 2

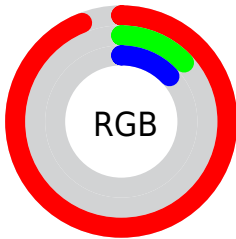
Format	Color
R_{YB}	240, 34, 32
Decimal	15737376
CIE _{Lab}	51.58, 73.02, 54.51
CIE _{LCh}	52, 91.124, 36.739
Yxy	19.7736, 0.6150, 0.3307
Android (android.graphics.Color)	4293927456 (0xFFFF02220)
YUV	95.3660, -31.2394, 126.8440
Hunter-Lab	44.4675, 69.7744, 26.8002

Details

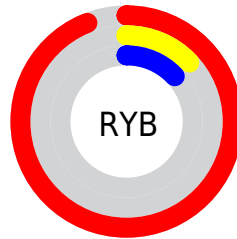
The Hex color **F02220** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **20EEF0**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6850**, and **AE0000** is the 20% darker color. If you saturate the color by 10%, you get **F00A08**, and if you desaturate by 10%, it is **F03A38**.

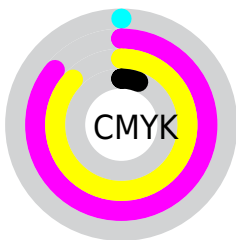
Distribution



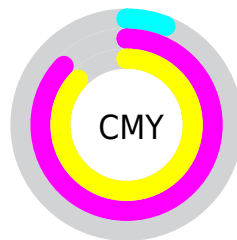
- Red (94%)
- Green (13%)
- Blue (13%)



- Red (94%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (86%)
- Yellow (87%)
- Black (6%)



- Cyan (6%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color F02220 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 F02220 by changing the saturation by 10% instead.

 F02220

 F02220

FFFFFF

 CF0007

 FF6850

 AE0000

 FF8669

 8D0000

 FFA483

 6D0001

 FFC19D

 4F0003

 FFDFB9

 300002

 FFFED5

 000000

 FFFFF1

 F02220

 F02220

 F00A08

 F03A38

 F00200

 F05250

 F06968

 F08180

 F09998

 F0B1B0

 F0C8C8

 F0E0E0

 F0F8F8

Harmonies

Analogous

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



FE006D



F02220



C55E00

Triad

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



F02220



009737



0081FF

Complementary

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



F02220



20EEF0

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.



0093FF



F02220



009A8B

Square

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



F02220



248F00



009AD8



8A5BFA

Rectangle

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



F02220



9D7500



009AD8



0089FF

Sweetspot

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



F02220



FFBDBD



F020F0



805858



000000



808080

Same Dimension

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



F02220



FF0200



F08820



786C6C



B80200



380100

Inverse Universe

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



20EEF0



00FDFF



2088F0



6C7878



00B6B8



003838

Previews

White Background



This preview shows how the Hex color F02220 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 F02220 Background



This preview shows how black text looks on a background with the Hex color F02220.



This preview shows how white text looks on a background with the Hex color F02220.

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
F02220

Protanopia
8A7C34

Deuteranopia
9C7500



Tritanopia
F0221F

Trichromacy



Original Color
F02220

Protanomaly
AF5B2D

Deuteranomaly
BB570C

Tritanomaly
F0221F

Monochromacy



Original Color
F02220

Achromatopsia
5F5F5F

Achromatomaly
944948

CSS Examples

Text

The CSS property to change the color of the text to Hex F02220 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 #F02220 looks like.

```
.text, #text, p{  
    color:#F02220  
}
```

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 #F02220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F02220
}
```

Border

The CSS property to change the border of an element to Hex F02220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

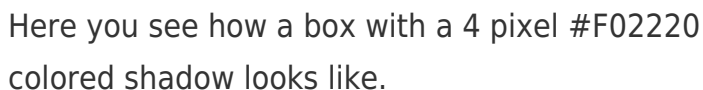
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F02220 }
```

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

```
.border{ border-color:#F02220 }
```

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



Here you see how a box with a 4 pixel #F02220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F02220; -webkit-box-shadow:4px 4px  
4px 4px #F02220; box-shadow:4px 4px 4px  
4px #F02220 }
```

Background

The CSS property to change the background color of an element to Hex F02220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F02220 }
```

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

```
.background{ background-color:#F02220 }
```

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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