

Converting Colors

Hex(F52100)

Have a look what the booklet for
Hex(F52100) contains.

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Color

Hex(F52100)

Conversions

Conversions Part 1

Format	Color
Hex	F52100
RGB	245, 33, 0
RGB Percent	96%, 13%, 0%
CMY	0.0392, 0.8706, 1.0000
CMYK	0.00, 0.87, 1.00, 0.04
HSL	8°, 100%, 48%
HSV	8°, 100%, 96%
XYZ	38.2000, 20.5002, 1.9436
YIQ	92.6260, 136.9450, 34.6810

Conversions

Conversions Part 2

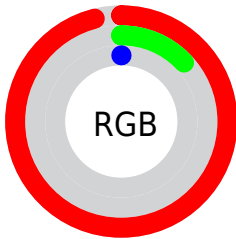
Format	Color
R_{YB}	245, 38, 0
Decimal	16064768
CIE _{Lab}	52.40, 74.17, 65.66
CIE _{LCh}	52, 99.056, 41.517
Yxy	20.5002, 0.6299, 0.3380
Android (android.graphics.Color)	4294254848 (0xFFFF52100)
YUV	92.6260, -45.6646, 133.6320
Hunter-Lab	45.2771, 71.3644, 29.1489

Details

The Hex color **F52100** 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 **00D4F5**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF683B**, and **B20000** is the 20% darker color. If you saturate the color by 10%, you get **F52100**, and if you desaturate by 10%, it is **F53618**.

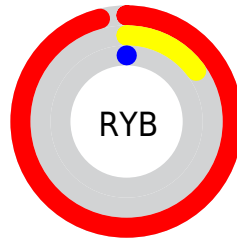
Distribution



Red (96%)

Green (13%)

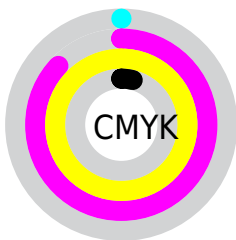
Blue (0%)



Red (96%)

Yellow (15%)

Blue (0%)

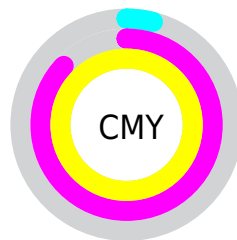


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F52100 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 F52100 by changing the saturation by 10% instead.

 F52100

 F52100

 FFFFFFF9

 D30000

 FF683B

 B20000

 FF8654

 910000

 FFA46E

 710001

 FFC289

 520003

 FFE0A4

 330002

 FFFEC0

 000000

 FFFFDC

 F52100

 F53618

 F54B31

 F5614A

 F57662

 F58B7B

 F5A093

 F5B5AB

 F5CBC4

 F5E0DD

Harmonies

Analogous

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



FF0061



F52100



C26400

Triad

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



F52100



009B42



007FFF

Complementary

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



F52100



00D4F5

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.



0096FF



F52100



009E9D

Square

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



F52100



009400



009EEE



A150FF

Rectangle

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



F52100



957C00



009EEE



0089FF

Sweetspot

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



F52100



FFBDB3



F500D4



805852



000000



808080

Same Dimension

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



F52100



FF2200



F59B00



7A706E



BA1900



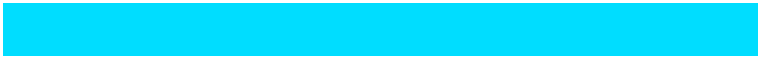
3B0800

Inverse Universe

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



00D4F5



00DDFF



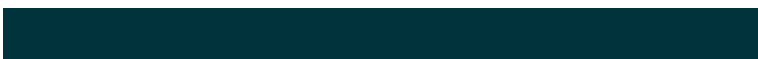
005AF5



6E797A



00A1BA



00333B

Previews

White Background



This preview shows how the Hex color F52100 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 F52100 Background



This preview shows how black text looks on a background with the Hex color F52100.



This preview shows how white text looks on a background with the Hex color F52100.

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



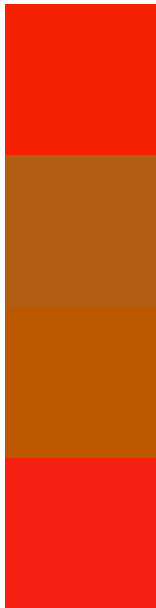
Original Color
F52100

Protanopia
8D7E1F

Deuteranopia
9E7700



Trichromacy



Original Color
F52100

Protanomaly
B35C14

Deuteranomaly
BE5800

Tritanomaly
F52011

Monochromacy



Original Color
F52100

Achromatopsia
5D5D5D

Achromatomaly
94473B

CSS Examples

Text

The CSS property to change the color of the text to Hex F52100 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 #F52100 looks like.

```
.text, #text, p{  
    color:#F52100  
}
```

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 #F52100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F52100  
}
```

Border

The CSS property to change the border of an element to Hex F52100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

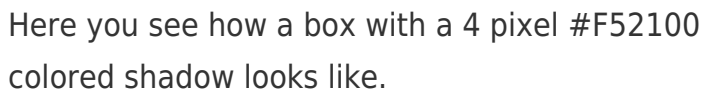
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#F52100 }
```

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

```
.border{ border-color:#F52100 }
```

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



Here you see how a box with a 4 pixel #F52100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F52100; -webkit-box-shadow:4px 4px  
4px 4px #F52100; box-shadow:4px 4px 4px  
4px #F52100 }
```

Background

The CSS property to change the background color of an element to Hex F52100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F52100 }
```

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

```
.background{ background-color:#F52100 }
```

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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