

Converting Colors

Hex(F23200)

Have a look what the booklet for
Hex(F23200) contains.

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Color

Hex(F23200)

Conversions

Conversions Part 1

Format	Color
Hex	F23200
RGB	242, 50, 0
RGB Percent	95%, 20%, 0%
CMY	0.0510, 0.8039, 1.0000
CMYK	0.00, 0.79, 1.00, 0.05
HSL	12°, 100%, 47%
HSV	12°, 100%, 95%
XYZ	37.7586, 21.1584, 2.0939
YIQ	101.7080, 130.4820, 25.1540

Conversions

Conversions Part 2

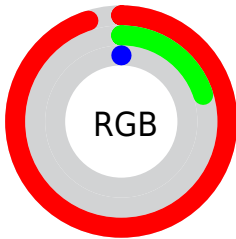
Format	Color
R_{YB}	242, 63, 0
Decimal	15872512
CIE Lab	53.12, 69.62, 65.59
CIE LCh	53, 95.652, 43.295
Yxy	21.1584, 0.6189, 0.3468
Android (android.graphics.Color)	4294062592 (0xFFFF23200)
YUV	101.7080, -50.1420, 123.0361
Hunter-Lab	45.9983, 66.0279, 29.4999

Details

The Hex color **F23200** 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 **00C0F2**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF713C**, and **B00000** is the 20% darker color. If you saturate the color by 10%, you get **F23200**, and if you desaturate by 10%, it is **F24518**.

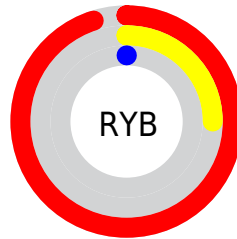
Distribution



Red (95%)

Green (20%)

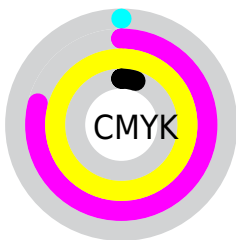
Blue (0%)



Red (95%)

Yellow (25%)

Blue (0%)

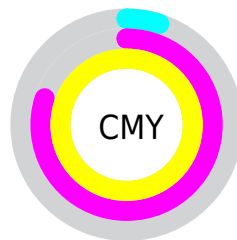


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F23200 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 F23200 by changing the saturation by 10% instead.

 F23200

 F23200

 FFFFFFFB

 D10000

 FF713C

 B00000

 FF8F56

 8F0000

 FFAC70

 6F0000

 FFC98A

 510003

 FFE7A6

 320002

 FFFFC2

 000000

 FFFFDE

 F23200

 F24518

 F25830

 F26C49

 F27F61

 F29279

 F2A591

 F2B8A9

 F2CCC2

 F2DFDA

Harmonies

Analogous

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



FF005F



F23200



BF6A00

Triad

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



F23200



009D4C



007EFF

Complementary

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



F23200



00C0F2

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



F23200



00A0A3

Square

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



F23200



009600



009FF0



AA50F9

Rectangle

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



F23200



937F00



009FF0



0088FF

Sweetspot

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



F23200



FFC2B3



F200C2



805B52



000000



808080

Same Dimension

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



F23200



FF3500



F2A900



786E6C



B82600



380C00

Inverse Universe

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



00C0F2



00CAFF



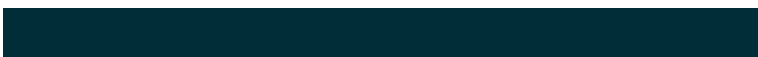
0049F2



6C7578



0092B8



002D38

Previews

White Background



This preview shows how the Hex color F23200 looks on a white background.

Color Contrast Check

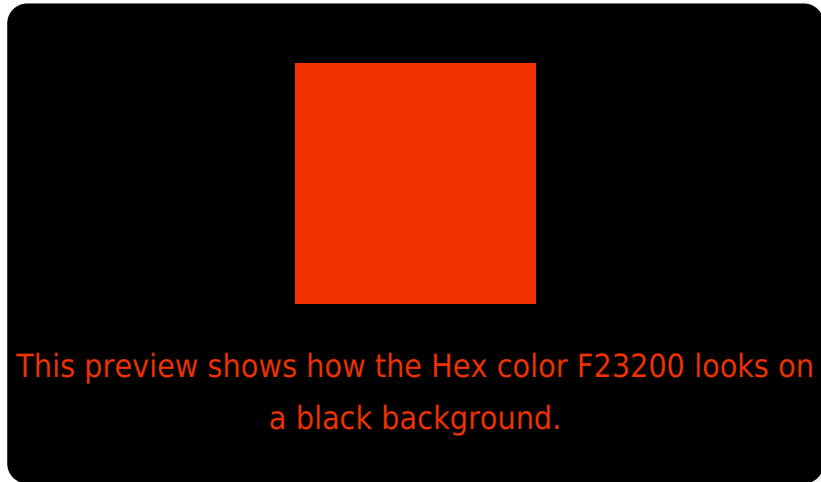
Large Text (above 18pt) WCAG AA ✓ Pass

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 F23200 Background



This preview shows how black text looks on a background with the Hex color F23200.



This preview shows how white text looks on a background with the Hex color F23200.

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



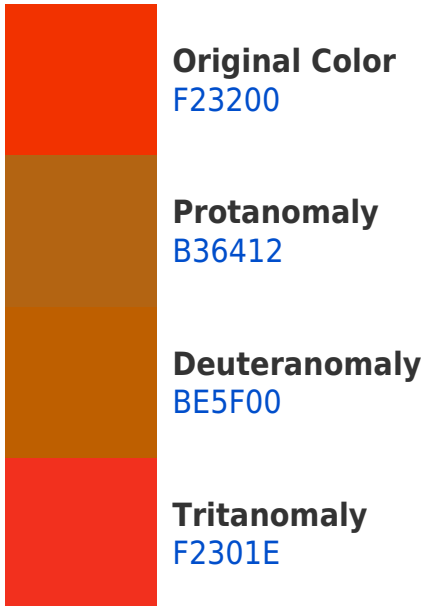
Original Color
F23200

Protanopia
8F801D

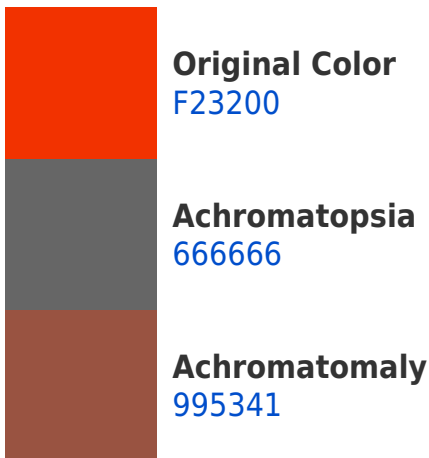
Deuteranopia
A17900



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F23200 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 #F23200 looks like.

```
.text, #text, p{  
    color:#F23200  
}
```

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 #F23200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F23200
}
```

Border

The CSS property to change the border of an element to Hex F23200 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
#F23200 }
```

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

```
.border{ border-color:#F23200 }
```

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

Here you see how a box with a 4 pixel #F23200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F23200; -webkit-box-shadow:4px 4px  
4px 4px #F23200; box-shadow:4px 4px 4px  
4px #F23200 }
```

Background

The CSS property to change the background color of an element to Hex F23200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F23200 }
```

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

```
.background{ background-color:#F23200 }
```

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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