

# Converting Colors

Hex(F72B00)

Have a look what the booklet for  
Hex(F72B00) contains.

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**Color**

**Hex(F72B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F72B00
RGB	247, 43, 0
RGB Percent	97%, 17%, 0%
CMY	0.0314, 0.8314, 1.0000
CMYK	0.00, 0.83, 1.00, 0.03
HSL	10°, 100%, 48%
HSV	10°, 100%, 97%
XYZ	39.2216, 21.5019, 2.0831
YIQ	99.0940, 135.3870, 29.8750

# Conversions

## Conversions Part 2

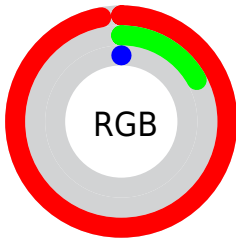
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 52, 0
Decimal	16198400
CIE <sub>Lab</sub>	53.49, 72.70, 66.33
CIE <sub>LCh</sub>	53, 98.413, 42.374
Yxy	21.5019, 0.6245, 0.3424
Android (android.graphics.Color)	4294388480 (0xFFFF72B00)
YUV	99.0940, -48.8533, 129.7136
Hunter-Lab	46.3702, 69.8344, 29.7956

# Details

The Hex color **F72B00** 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 **00CCF7**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6E3C**, and **B40000** is the 20% darker color. If you saturate the color by 10%, you get **F72B00**, and if you desaturate by 10%, it is **F73F19**.

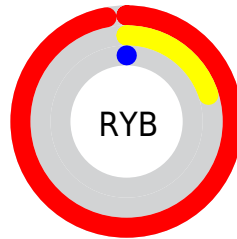
# Distribution



Red (97%)

Green (17%)

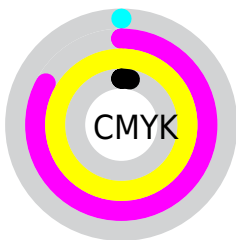
Blue (0%)



Red (97%)

Yellow (20%)

Blue (0%)

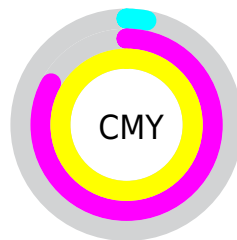


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (83%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F72B00 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 F72B00 by changing the saturation by 10% instead.



 F72B00

 F72B00

 FFFFFB

 D50000

 FF6E3C

 B40000

 FF8C56

 930000

 FFA970

 730000

 FFC78A

 540003

 FFE5A5

 350002

 FFFFC1

 040000

 FFFFDE

 000000

 F72B00

 F73F19

 F75431

 F7684A

 F77D63

 F7917C

 F7A594

 F7BAAD

 F7CEC6

 F7E3DE

# Harmonies

## Analogous

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



FF0061



F72B00



C46900

# Triad

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



F72B00



009E48



0080FF

# Complementary

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



F72B00



00CCF7

# 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.



0098FF



F72B00



00A1A2

# Square

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



F72B00



009700



00A0F2



A851FF

# Rectangle

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



F72B00



967F00



00A0F2



008AFF



# Sweetspot

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



F72B00



FFC0B3



F700CE



805A52



000000



808080



# Same Dimension

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



F72B00



FF2C00



F7A500



7A706E



BA2000



3B0A00

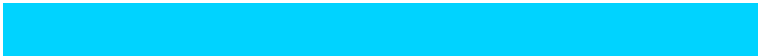


# Inverse Universe

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



00CCF7



00D3FF



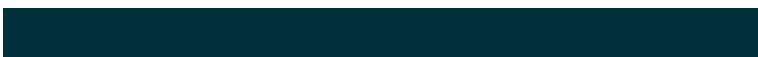
0052F7



6E787A



009ABA



00303B



# Previews

## White Background



This preview shows how the Hex color F72B00 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 F72B00 Background



This preview shows how black text looks on a background with the Hex color F72B00.



This preview shows how white text looks on a background with the Hex color F72B00.

# 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**  
F72B00

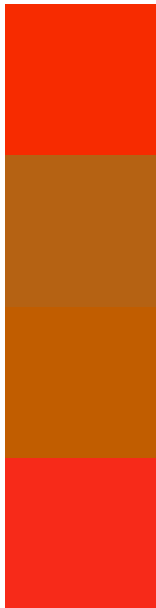
**Protanopia**  
90811E

**Deuteranopia**  
A27A00



**Tritanopia**  
F72927

# Trichromacy



**Original Color**  
F72B00

**Protanomaly**  
B56213

**Deuteranomaly**  
C15D00

**Tritanomaly**  
F72A19

# Monochromacy



**Original Color**  
F72B00

**Achromatopsia**  
636363

**Achromatomaly**  
994F3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F72B00 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 #F72B00 looks like.

```
.text, #text, p{  
    color:#F72B00  
}
```

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 #F72B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F72B00
}
```

## Border

The CSS property to change the border of an element to Hex F72B00 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".

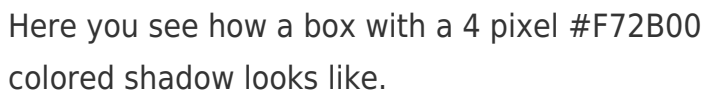
```
.border, #border, table{ border:4px solid
#F72B00 }
```

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

```
.border{ border-color:#F72B00 }
```

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

Here you see how a box with a 4 pixel #F72B00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F72B00; -webkit-box-shadow:4px 4px  
4px 4px #F72B00; box-shadow:4px 4px 4px  
4px #F72B00 }
```

# Background

The CSS property to change the background color of an element to Hex F72B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F72B00 }
```

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

```
.background{ background-color:#F72B00 }
```

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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