

Converting Colors

Hex(F72D0D)

Have a look what the booklet for
Hex(F72D0D) contains.

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Color

Hex(F72D0D)

Conversions

Conversions Part 1

Format	Color
Hex	F72D0D
RGB	247, 45, 13
RGB Percent	97%, 18%, 5%
CMY	0.0314, 0.8235, 0.9490
CMYK	0.00, 0.82, 0.95, 0.03
HSL	8°, 94%, 51%
HSV	8°, 95%, 97%
XYZ	39.3688, 21.6800, 2.4905
YIQ	101.7500, 130.6640, 32.8720

Conversions

Conversions Part 2

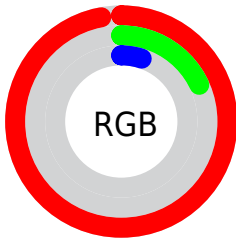
Format	Color
RYB	247, 50, 13
Decimal	16198925
CIELab	53.69, 72.34, 63.38
CIElCh	54, 96.177, 41.220
Yxy	21.6800, 0.6196, 0.3412
Android (android.graphics.Color)	4294389005 (0xFFFF72D0D)
YUV	101.7500, -43.7537, 127.3842
Hunter-Lab	46.5618, 69.4418, 29.4220

Details

The Hex color **F72D0D** 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 **0DD7F7**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6F43**, and **B40000** is the 20% darker color. If you saturate the color by 10%, you get **F72200**, and if you desaturate by 10%, it is **F74226**.

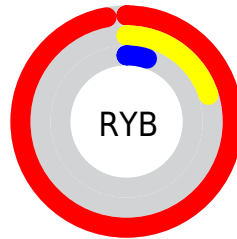
Distribution



Red (97%)

Green (18%)

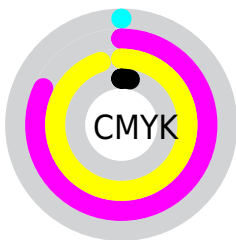
Blue (5%)



Red (97%)

Yellow (20%)

Blue (5%)

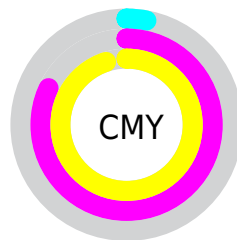


Cyan (0%)

Magenta (82%)

Yellow (95%)

Black (3%)



Cyan (3%)

Magenta (82%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F72D0D 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 F72D0D by changing the saturation by 10% instead.

 F72D0D

 F72D0D

FFFFFF

 D50000

 FF6F43

 B40000

 FF8D5C

 930000

 FFAA76

 730000

 FFC891

 540003

 FFE6AC

 360002

 FFFFC8

 050000

 FFFF E5

 000000

 F72D0D

 F72D0D

 F72200

 F74226

 F7583E

 F76D57

 F78270

 F79889

 F7ADA1

 F7C2BA

 F7D8D3

 F7EDEB

Harmonies

Analogous

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



FF0066



F72D0D



C66800

Triad

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



F72D0D



009E46



0082FF

Complementary

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



F72D0D



0DD7F7

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



F72D0D



00A19F

Square

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



F72D0D



009700



00A1ED



A356FF

Rectangle

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



F72D0D



9A7F00



00A1ED



008BFF

Sweetspot

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



F72D0D



FFC1B8



F70DD8



805A54



000000



808080

Same Dimension

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



F72D0D



FF2300



F7A10D



7A706E



BA1900



3B0800

Inverse Universe

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



0DD7F7



00DCFF



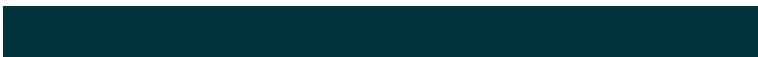
0D63F7



6E797A



00A1BA



00333B

Previews

White Background



This preview shows how the Hex color F72D0D looks on a white background.

Color Contrast Check

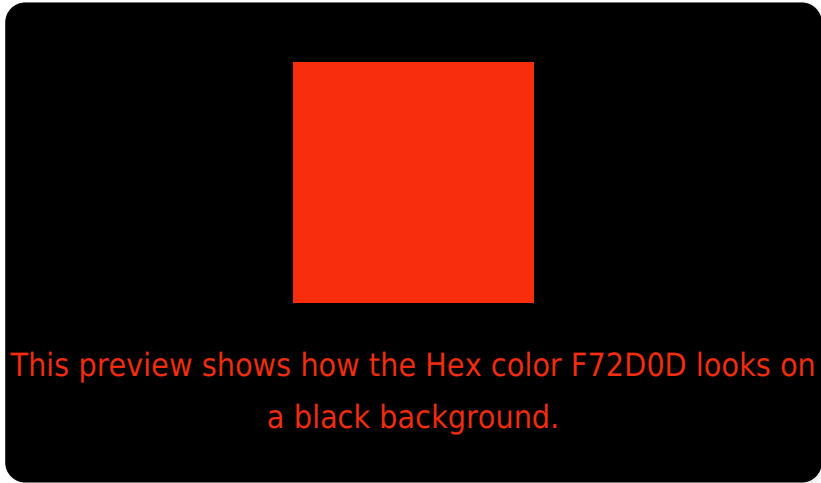
Large Text (above 18pt) WCAG AA ✓ Pass

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 F72D0D Background



This preview shows how black text looks on a background with the Hex color F72D0D.



This preview shows how white text looks on a background with the Hex color F72D0D.

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
F72D0D

Protanopia
918122

Deuteranopia
A27A00



Tritanopia
F72B29

Trichromacy



Original Color
F72D0D

Protanomaly
B6621A

Deuteranomaly
C15E05

Tritanomaly
F72C1F

Monochromacy



Original Color
F72D0D

Achromatopsia
666666

Achromatomaly
9B5146

CSS Examples

Text

The CSS property to change the color of the text to Hex F72D0D 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 #F72D0D looks like.

```
.text, #text, p{  
    color:#F72D0D  
}
```

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 #F72D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F72D0D
}
```

Border

The CSS property to change the border of an element to Hex F72D0D 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".

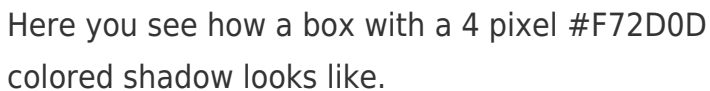
```
.border, #border, table{ border:4px solid
#F72D0D }
```

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

```
.border{ border-color:#F72D0D }
```

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

Here you see how a box with a 4 pixel #F72D0D colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the red color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F72D0D; -webkit-box-shadow:4px 4px  
4px 4px #F72D0D; box-shadow:4px 4px 4px  
4px #F72D0D }
```

Background

The CSS property to change the background color of an element to Hex F72D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F72D0D }
```

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

```
.background{ background-color:#F72D0D }
```

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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