

Converting Colors

Hex(F01D32)

Have a look what the booklet for
Hex(F01D32) contains.

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Color

Hex(F01D32)

Conversions

Conversions Part 1

Format	Color
Hex	F01D32
RGB	240, 29, 50
RGB Percent	94%, 11%, 20%
CMY	0.0588, 0.8863, 0.8039
CMYK	0.00, 0.88, 0.79, 0.06
HSL	354°, 88%, 53%
HSV	354°, 88%, 94%
XYZ	36.9503, 19.6343, 4.8599
YIQ	94.4830, 119.0150, 51.2630

Conversions

Conversions Part 2

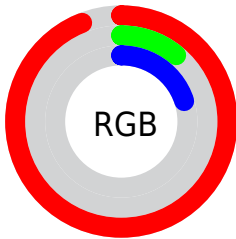
Format	Color
R_{YB}	240, 29, 50
Decimal	15736114
CIE _{Lab}	51.42, 74.31, 45.30
CIE _{LCh}	51, 87.029, 31.366
Yxy	19.6343, 0.6014, 0.3195
Android (android.graphics.Color)	4293926194 (0xFFFF01D32)
YUV	94.4830, -21.9301, 127.6184
Hunter-Lab	44.3106, 71.3063, 24.5146

Details

The Hex color **F01D32** 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 **1DF0DB**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6661**, and **AE0006** is the 20% darker color. If you saturate the color by 10%, you get **F0051C**, and if you desaturate by 10%, it is **F03548**.

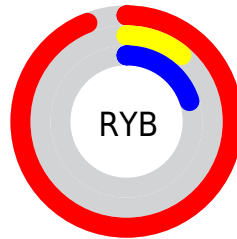
Distribution



Red (94%)

Green (11%)

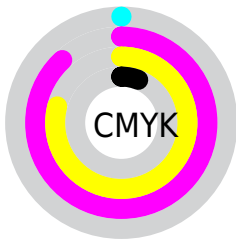
Blue (20%)



Red (94%)

Yellow (11%)

Blue (20%)

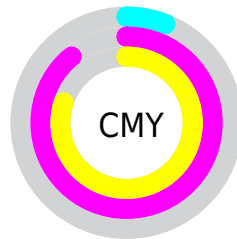


Cyan (0%)

Magenta (88%)

Yellow (79%)

Black (6%)



Cyan (6%)

Magenta (89%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F01D32 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 F01D32 by changing the saturation by 10% instead.

 F01D32

 F01D32

FFFFFF

 CF001C

 FF6661

 AE0006

 FF847A

 8E0000

 FFA294

 6E0001

 FFC0AF

 500004

 FFDECB

 300002

 FFFCE7

 000000

 F01D32

 F01D32

 F0051C

 F03548

 F00018

 F04D5D

 F06573

 F07D88

 F0959E

 F0ADB4

 F0C5C9

 F0DDDF

 F0F5F5

Harmonies

Analogous

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



F6007B



F01D32



CB5800

Triad

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



F01D32



00942B



0084FF

Complementary

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



F01D32



1DF0DB

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.



0094FE



F01D32



00987C

Square

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



F01D32



438B00



0099C7



7064FC

Rectangle

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



F01D32



A77000



0099C7



008BFF

Sweetspot

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



F01D32



FFBDC3



DB1DF0



80585C



000000



808080

Same Dimension

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



F01D32



FF0019



F0711D



786C6D



B80012



380006

Inverse Universe

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



F01D32



FF0019



1D9CF0



786C6D



B80012



380006

Previews

White Background



This preview shows how the Hex color F01D32 looks on a white background.

Color Contrast Check

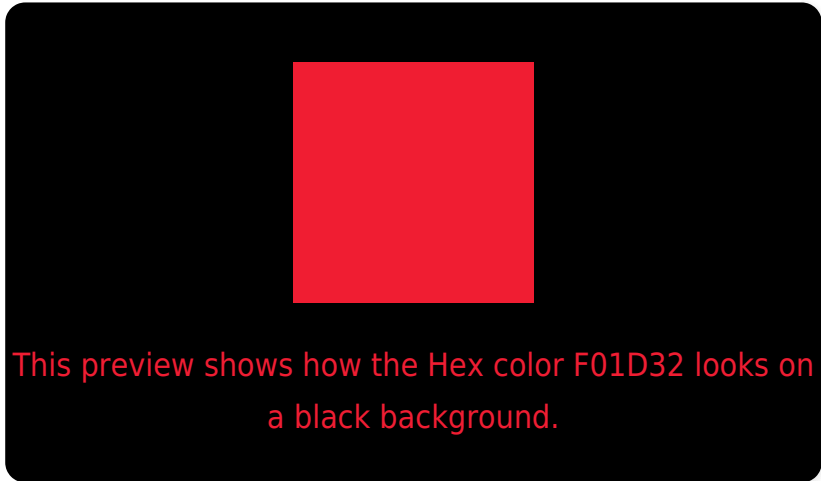
Large Text (above 18pt) WCAG AA ✓ Pass

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 F01D32 Background



This preview shows how black text looks on a background with the Hex color F01D32.



This preview shows how white text looks on a background with the Hex color F01D32.

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
F01D32

Protanopia
877B4B

Deuteranopia
9B7522



Tritanopia
F0211D

Trichromacy



Original Color
F01D32

Protanomaly
AD5942

Deuteranomaly
BA5528

Tritanomaly
F02025

Monochromacy



Original Color
F01D32

Achromatopsia
5E5E5E

Achromatomaly
93464E

CSS Examples

Text

The CSS property to change the color of the text to Hex F01D32 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 #F01D32 looks like.

```
.text, #text, p{  
    color:#F01D32  
}
```

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 #F01D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F01D32
}
```

Border

The CSS property to change the border of an element to Hex F01D32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

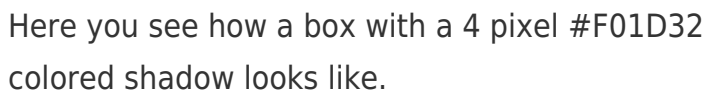
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F01D32 }
```

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

```
.border{ border-color:#F01D32 }
```

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



Here you see how a box with a 4 pixel #F01D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F01D32; -webkit-box-shadow:4px 4px  
4px 4px #F01D32; box-shadow:4px 4px 4px  
4px #F01D32 }
```

Background

The CSS property to change the background color of an element to Hex F01D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F01D32 }
```

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

```
.background{ background-color:#F01D32 }
```

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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