

Converting Colors

Hex(FC1B12)

Have a look what the booklet for
Hex(FC1B12) contains.

Hex(FC1B12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FC1B12)

Conversions

Conversions Part 1

Format	Color
Hex	FC1B12
RGB	252, 27, 18
RGB Percent	99%, 11%, 7%
CMY	0.0118, 0.8941, 0.9294
CMYK	0.00, 0.89, 0.93, 0.01
HSL	2°, 98%, 53%
HSV	2°, 93%, 99%
XYZ	40.6460, 21.5230, 2.5843
YIQ	93.2490, 136.9890, 44.9010

Conversions

Conversions Part 2

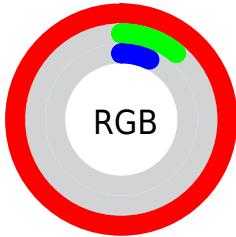
Format	Color
R_{YB}	252, 27, 18
Decimal	16522002
CIE Lab	53.52, 77.06, 62.38
CIE LCh	54, 99.142, 38.991
Yxy	21.5230, 0.6277, 0.3324
Android (android.graphics.Color)	4294712082 (0xFFFC1B12)
YUV	93.2490, -37.0978, 139.2246
Hunter-Lab	46.3929, 75.2010, 29.1722

Details

The Hex color **FC1B12** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **12F3FC**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6745**, and **B90000** is the 20% darker color. If you saturate the color by 10%, you get **FC0A00**, and if you desaturate by 10%, it is **FC332B**.

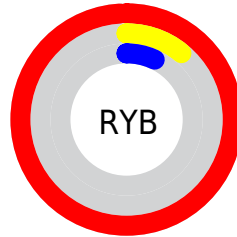
Distribution



Red (99%)

Green (11%)

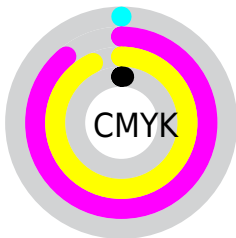
Blue (7%)



Red (99%)

Yellow (11%)

Blue (7%)

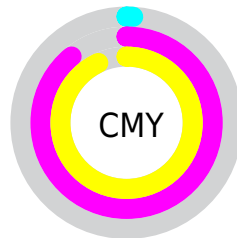


Cyan (0%)

Magenta (89%)

Yellow (93%)

Black (1%)



Cyan (1%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC1B12 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 FC1B12 by changing the saturation by 10% instead.

 FC1B12

 FC1B12

FFFFFF

 DA0000

 FF6745

 B90000

 FF865F

 980000

 FFA478

 770001

 FFC293

 580003

 FFE0AE

 390002

 FFFECA

 0F0000

 FFFFE7

 000000

 FC1B12

 FC1B12

 FC0A00

 FC332B

 FC4B44

 FC645E

 FC7C77

 FC9490

 FCACA9

 FCC5C2

 FCDDDC

 FCF5F5

Harmonies

Analogous

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



FF006B



FC1B12



CB6400

Triad

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



FC1B12



009E3D



0084FF

Complementary

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



FC1B12



12F3FC

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.



009AFF



FC1B12



00A199

Square

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



FC1B12



009600



00A1EB



9958FF

Rectangle

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



FC1B12



9E7C00



00A1EB



008DFF

Sweetspot

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



FC1B12



FFBAB8



FC12F4



805654



000000



808080

Same Dimension

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



FC1B12



FF0A00



FC8F12



7D7170



BD0700



3D0200

Inverse Universe

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



12F3FC



00F5FF



127FFC



707C7D



00B5BD



003B3D

Previews

White Background



This preview shows how the Hex color FC1B12 looks on a white background.

Color Contrast Check

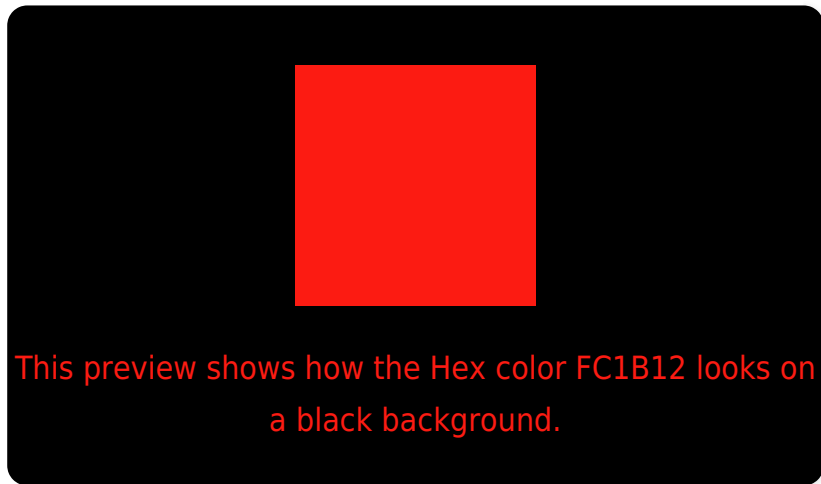
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC1B12 Background



This preview shows how black text looks on a background with the Hex color FC1B12.



This preview shows how white text looks on a background with the Hex color FC1B12.

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
FC1B12

Protanopia
908128

Deuteranopia
A27A00



Trichromacy



Original Color
FC1B12

Protanomaly
B75C20

Deuteranomaly
C35707

Tritanomaly
FC1B12

Monochromacy



Original Color
FC1B12

Achromatopsia
5D5D5D

Achromatomaly
974542

CSS Examples

Text

The CSS property to change the color of the text to Hex FC1B12 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 #FC1B12 looks like.

```
.text, #text, p{  
    color:#FC1B12  
}
```

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 #FC1B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC1B12
}
```

Border

The CSS property to change the border of an element to Hex FC1B12 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".

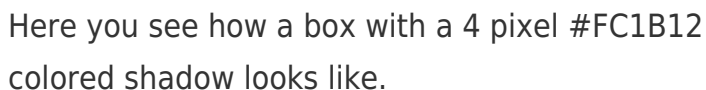
```
.border, #border, table{ border:4px solid
#FC1B12 }
```

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

```
.border{ border-color:#FC1B12 }
```

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

Here you see how a box with a 4 pixel #FC1B12 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC1B12; -webkit-box-shadow:4px 4px  
4px 4px #FC1B12; box-shadow:4px 4px 4px  
4px #FC1B12 }
```

Background

The CSS property to change the background color of an element to Hex FC1B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC1B12 }
```

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

```
.background{ background-color:#FC1B12 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor