

Converting Colors

Hex(4F020C)

Have a look what the booklet for
Hex(4F020C) contains.

Hex(4F020C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(4F020C)

Conversions

Conversions Part 1

Format	Color
Hex	4F020C
RGB	79, 2, 12
RGB Percent	31%, 1%, 5%
CMY	0.6902, 0.9922, 0.9529
CMYK	0.00, 0.97, 0.85, 0.69
HSL	352°, 95%, 16%
HSV	352°, 97%, 31%
XYZ	3.3125, 1.7322, 0.5076
YIQ	26.1630, 42.6820, 19.4340

Conversions

Conversions Part 2

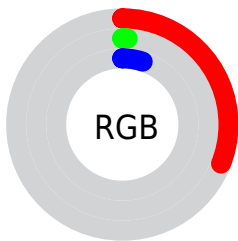
Format	Color
RYB	79, 2, 12
Decimal	5177868
CIELab	14.01, 33.95, 16.90
CIElCh	14, 37.925, 26.466
Yxy	1.7322, 0.5966, 0.3120
Android (android.graphics.Color)	4283367948 (0xFF4F020C)
YUV	26.1630, -6.9824, 46.3380
Hunter-Lab	13.1614, 21.8932, 6.9264

Details

The Hex color **4F020C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **024F45**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **863737**, and **130000** is the 20% darker color. If you saturate the color by 10%, you get **4F000A**, and if you desaturate by 10%, it is **4F0A13**.

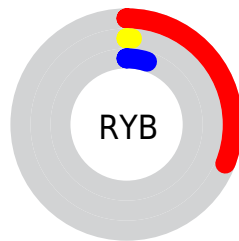
Distribution



Red (31%)

Green (1%)

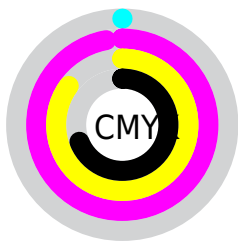
Blue (5%)



Red (31%)

Yellow (1%)

Blue (5%)

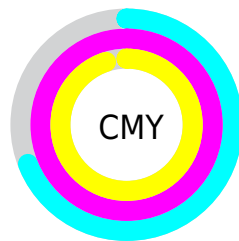


Cyan (0%)

Magenta (97%)

Yellow (85%)

Black (69%)



Cyan (69%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F020C 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 4F020C by changing the saturation by 10% instead.

 4F020C

 4F020C

 FFF1EB

 350000

 863737

 130000

 A24F4E

 000000

 BF6966

 DC827F

 FA9D99

 FFB9B3

 FFD5CF

 4F020C

 4F020C

■ 4F000A

■ 4F0A13

■ 4F121A

■ 4F1A21

■ 4F2227

■ 4F292E

■ 4F3135

■ 4F393C

■ 4F4143

■ 4F494A

Harmonies

Analogous

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



4F0028



4F020C



441500

Triad

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



4F020C



002D00



002859

Complementary

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



4F020C



024F45

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.



002D50



4F020C



002E20

Square

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



4F020C



172900



002F3B



161E54

Rectangle

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



4F020C



371E00



002F3B



002A58

Sweetspot

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



4F020C



66484C



45024F



332123



B3B3B3



333333

Same Dimension

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



4F020C



66000D



4F1E02



262223



E6001E

Inverse Universe

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



4F020C



66000D



02334F



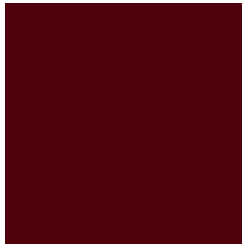
262223



E6001E

Previews

White Background



This preview shows how the Hex color 4F020C looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

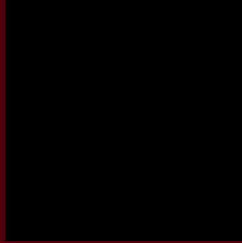
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4F020C Background



This preview shows how black text looks on a background with the Hex color 4F020C.



This preview shows how white text looks on a background with the Hex color 4F020C.

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
4F020C

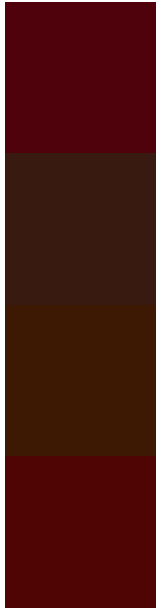
Protanopia
2C2814

Deuteranopia
332600



Tritanopia
4F0700

Trichromacy



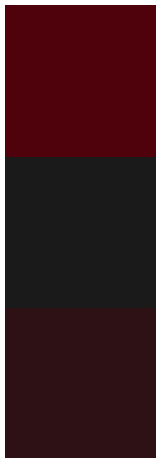
Original Color
4F020C

Protanomaly
391A11

Deuteranomaly
3D1904

Tritanomaly
4F0504

Monochromacy



Original Color
4F020C

Achromatopsia
1A1A1A

Achromatomaly
2D1115

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F020C 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 #4F020C looks like.

```
.text, #text, p{  
    color:#4F020C  
}
```

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 #4F020C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F020C
}
```

Border

The CSS property to change the border of an element to Hex 4F020C is called "border". The border property can be set on classes, ids or directly on the HTML element.

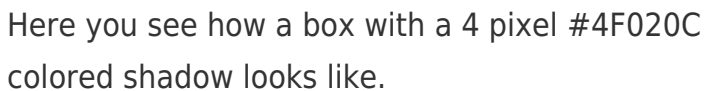
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F020C }
```

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

```
.border{ border-color:#4F020C }
```

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



Here you see how a box with a 4 pixel #4F020C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F020C; -webkit-box-shadow:4px 4px  
4px 4px #4F020C; box-shadow:4px 4px 4px  
4px #4F020C }
```

Background

The CSS property to change the background color of an element to Hex 4F020C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F020C }
```

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

```
.background{ background-color:#4F020C }
```

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