

Converting Colors

Hex(3F0014)

Have a look what the booklet for
Hex(3F0014) contains.

Hex(3F0014)	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(3F0014)

Conversions

Conversions Part 1

Format	Color
Hex	3F0014
RGB	63, 0, 20
RGB Percent	25%, 0%, 8%
CMY	0.7529, 1.0000, 0.9216
CMYK	0.00, 1.00, 0.68, 0.75
HSL	341°, 100%, 12%
HSV	341°, 100%, 25%
XYZ	2.1762, 1.1073, 0.7608
YIQ	21.1170, 31.1280, 19.5760

Conversions

Conversions Part 2

Format	Color
R_{YB}	63, 0, 20
Decimal	4128788
CIE Lab	9.85, 30.53, 6.11
CIE LCh	10, 31.140, 11.313
Yxy	1.1073, 0.5381, 0.2738
Android (android.graphics.Color)	4282318868 (0xFF3F0014)
YUV	21.1170, -0.5507, 36.7314
Hunter-Lab	10.5227, 18.5004, 3.0789

Details

The Hex color **3F0014** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003F2B**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **73313E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F0014**, and if you desaturate by 10%, it is **3F0618**.

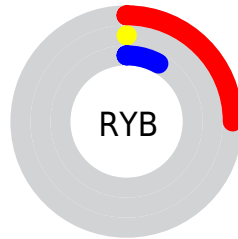
Distribution



Red (25%)

Green (0%)

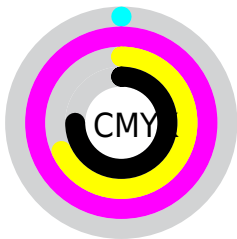
Blue (8%)



Red (25%)

Yellow (0%)

Blue (8%)

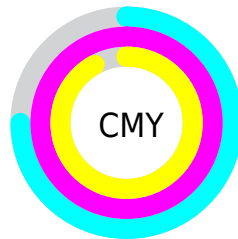


Cyan (0%)

Magenta (100%)

Yellow (68%)

Black (75%)



Cyan (75%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F0014 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 3F0014 by changing the saturation by 10% instead.

 3F0014

 3F0014

 FFE9F4

 2B0001

 73313E

 000000

 8E4955

 AA626D

 C67B87

 E396A1

 FFB1BC

 FFCCD8

 3F0014

■ 3F0618

■ 3F0D1D

■ 3F1321

■ 3F1925

■ 3F2029

■ 3F262E

■ 3F2C32

■ 3F3236

■ 3F393B

Harmonies

Analogous

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



390329



3F0014



3B0900

Triad

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



3F0014



012100



002143

Complementary

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



3F0014



003F2B

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.



002437



3F0014



00240A

Square

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



3F0014



1C1D00



002523



001B45

Rectangle

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



3F0014



331200



002523



002240

Sweetspot

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



3F0014



523941



2A003F



291A1F



A8A8A8



292929

Same Dimension

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



3F0014



52001A



3F0A00



1F1C1D



5E001E



DE0046

Inverse Universe

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



3F0014



52001A



00343F



1F1C1D



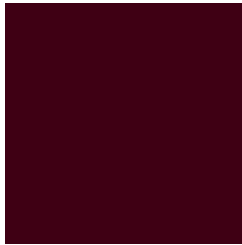
5E001E



DE0046

Previews

White Background



This preview shows how the Hex color 3F0014 looks on a white background.

Color Contrast Check

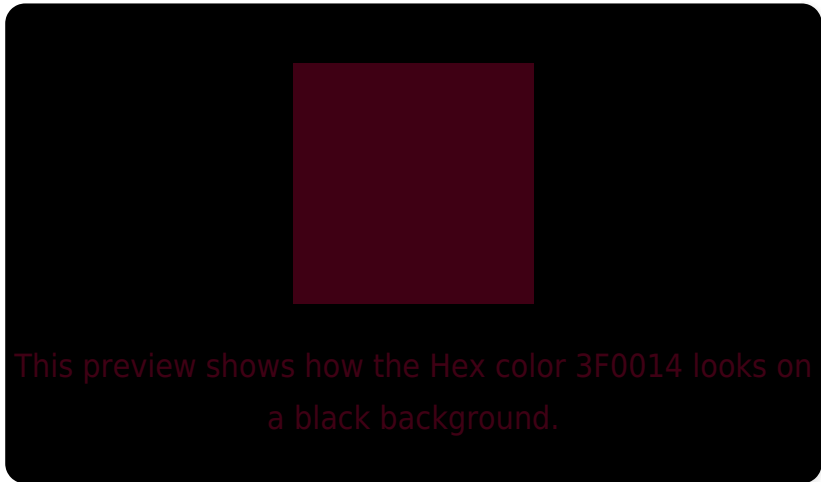
Large Text (above 18pt) WCAG AA ✓ Pass

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

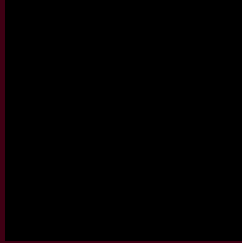
Any Text WCAG AA × Fail

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 3F0014 Background



This preview shows how black text looks on a background with the Hex color 3F0014.



This preview shows how white text looks on a background with the Hex color 3F0014.

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](#).

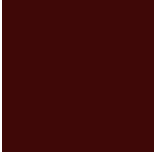
Dichromacy



Original Color
3F0014

Protanopia
21201E

Deuteranopia
271F11



Tritanopia
3F0807

Trichromacy



Original Color
3F0014

Protanomaly
2C141A

Deuteranomaly
301412

Tritanomaly
3F050C

Monochromacy



Original Color
3F0014

Achromatopsia
151515

Achromatomaly
240D15

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F0014 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 #3F0014 looks like.

```
.text, #text, p{  
    color:#3F0014  
}
```

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 #3F0014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F0014
}
```

Border

The CSS property to change the border of an element to Hex 3F0014 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".

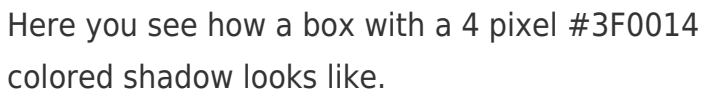
```
.border, #border, table{ border:4px solid
#3F0014 }
```

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

```
.border{ border-color:#3F0014 }
```

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

Here you see how a box with a 4 pixel #3F0014 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and describes the shadow's appearance.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F0014; -webkit-box-shadow:4px 4px  
4px 4px #3F0014; box-shadow:4px 4px 4px  
4px #3F0014 }
```

Background

The CSS property to change the background color of an element to Hex 3F0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F0014 }
```

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

```
.background{ background-color:#3F0014 }
```

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