

Converting Colors

Hex(3F0001)

Have a look what the booklet for
Hex(3F0001) contains.

Hex(3F0001)	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(3F0001)

Conversions

Conversions Part 1

Format	Color
Hex	3F0001
RGB	63, 0, 1
RGB Percent	25%, 0%, 0%
CMY	0.7529, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.98, 0.75
HSL	359°, 100%, 12%
HSV	359°, 100%, 25%
XYZ	2.0554, 1.0590, 0.1248
YIQ	18.9510, 37.2270, 13.6670

Conversions

Conversions Part 2

Format	Color
RYB	63, 0, 1
Decimal	4128769
CIELab	9.47, 29.50, 14.55
CIELCh	9, 32.895, 26.249
Yxy	1.0590, 0.6345, 0.3269
Android (android.graphics.Color)	4282318849 (0xFF3F0001)
YUV	18.9510, -8.8498, 38.6310
Hunter-Lab	10.2905, 17.6442, 6.4844

Details

The Hex color **3F0001** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003F3E**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **733030**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F0001**, and if you desaturate by 10%, it is **3F0607**.

Distribution



Red (25%)

Green (0%)

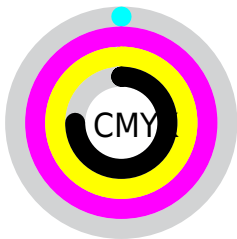
Blue (0%)



Red (25%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (75%)



Cyan (75%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F0001 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 3F0001 by changing the saturation by 10% instead.

 3F0001

 3F0001

 FFE8E3

 280001

 733030

 000000

 8F4847

 AB615E

 C77A77

 E49591

 FFB0AB

 FFCCC7

 3F0001

■ 3F0607

■ 3F0D0D

■ 3F1314

■ 3F191A

■ 3F2020

■ 3F2626

■ 3F2C2C

■ 3F3233

■ 3F3939

Harmonies

Analogous

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



3E001E



3F0001



350E00

Triad

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



3F0001



002300



001E47

Complementary

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



3F0001



003F3E

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.



00233F



3F0001



002517

Square

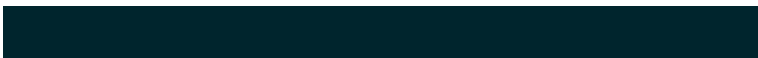
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3F0001



0E1F00



00252D



0E1643

Rectangle

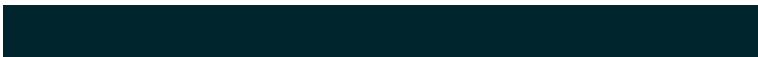
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3F0001



2B1600



00252D



002046

Sweetspot

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



3F0001



52393A



3E003F



291A1A



A8A8A8



292929

Same Dimension

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



3F0001



520001



3F1E00



1F1C1C



5E0001



DE0004

Inverse Universe

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



3F0001



520001



00213F



1F1C1C



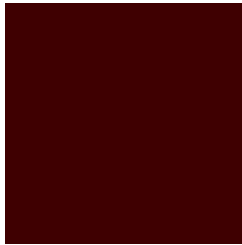
5E0001



DE0004

Previews

White Background



This preview shows how the Hex color 3F0001 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

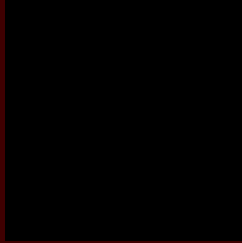
Any Text WCAG AA × Fail

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 3F0001 Background



This preview shows how black text looks on a background with the Hex color 3F0001.

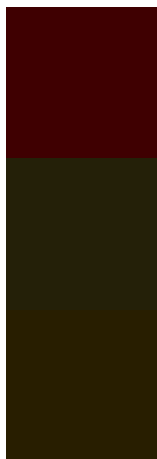


This preview shows how white text looks on a background with the Hex color 3F0001.

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
3F0001

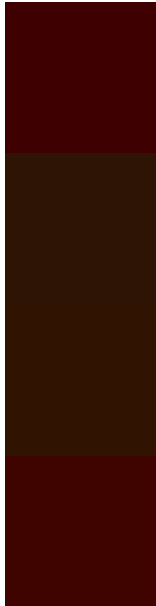
Protanopia
242008

Deuteranopia
281E00



Tritanopia
3F0600

Trichromacy



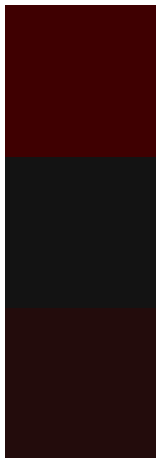
Original Color
3F0001

Protanomaly
2E1405

Deuteranomaly
301300

Tritanomaly
3F0400

Monochromacy



Original Color
3F0001

Achromatopsia
131313

Achromatomaly
230C0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F0001 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 #3F0001 looks like.

```
.text, #text, p{  
    color:#3F0001  
}
```

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 #3F0001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F0001
}
```

Border

The CSS property to change the border of an element to Hex 3F0001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

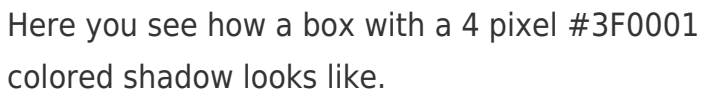
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F0001 }
```

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

```
.border{ border-color:#3F0001 }
```

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



Here you see how a box with a 4 pixel #3F0001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F0001; -webkit-box-shadow:4px 4px  
4px 4px #3F0001; box-shadow:4px 4px 4px  
4px #3F0001 }
```

Background

The CSS property to change the background color of an element to Hex 3F0001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F0001 }
```

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

```
.background{ background-color:#3F0001 }
```

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