

Converting Colors

Hex(3C0700)

Have a look what the booklet for
Hex(3C0700) contains.

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Color

Hex(3C0700)

Conversions

Conversions Part 1

Format	Color
Hex	3C0700
RGB	60, 7, 0
RGB Percent	24%, 3%, 0%
CMY	0.7647, 0.9725, 1.0000
CMYK	0.00, 0.88, 1.00, 0.76
HSL	7°, 100%, 12%
HSV	7°, 100%, 24%
XYZ	1.9395, 1.1126, 0.1125
YIQ	22.0490, 33.8350, 9.0590

Conversions

Conversions Part 2

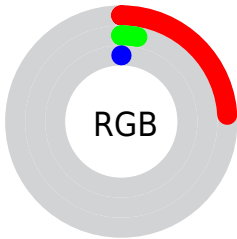
Format	Color
R_{YB}	60, 8, 0
Decimal	3933952
CIE _{Lab}	9.90, 25.01, 15.45
CIE _{LCh}	10, 29.398, 31.712
Yxy	1.1126, 0.6129, 0.3516
Android (android.graphics.Color)	4282124032 (0xFF3C0700)
YUV	22.0490, -10.8702, 33.2830
Hunter-Lab	10.5481, 14.3614, 6.7511

Details

The Hex color **3C0700** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00353C**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **6F3530**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C0700**, and if you desaturate by 10%, it is **3C0C06**.

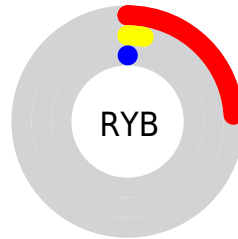
Distribution



Red (24%)

Green (3%)

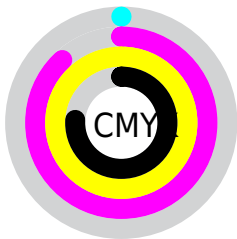
Blue (0%)



Red (24%)

Yellow (3%)

Blue (0%)

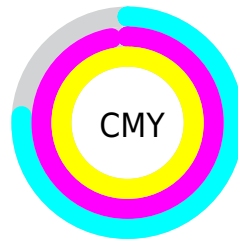


Cyan (0%)

Magenta (88%)

Yellow (100%)

Black (76%)



Cyan (76%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0700 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 3C0700 by changing the saturation by 10% instead.

 3C0700

 3C0700

 FFECE2

 260001

 6F3530

 000000

 8A4D46

 A6665E

 C27F76

 DF9990

 FDB4AB

 FFD0C6

 3C0700

■ 3C0C06

■ 3C120C

■ 3C1712

■ 3C1C18

■ 3C211E

■ 3C2724

■ 3C2C2A

■ 3C3130

■ 3C3736

Harmonies

Analogous

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



3D021B



3C0700



321300

Triad

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



3C0700



002301



001E43

Complementary

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



3C0700



00353C

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.



00223E



3C0700



00251C

Square

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



3C0700



0E2000



002430



1A153D

Rectangle

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



3C0700



281800



002430



001F43

Sweetspot

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



3C0700



4F3A37



3C0035



291C1A



A8A8A8



292929

Same Dimension

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



3C0700



4F0900



3C2500



1F1C1C



5E0B00



DE1A00

Inverse Universe

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



00353C



00464F



00173C



1C1E1F



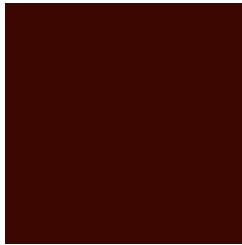
00535E



00C4DE

Previews

White Background



This preview shows how the Hex color 3C0700 looks on a white background.

Color Contrast Check

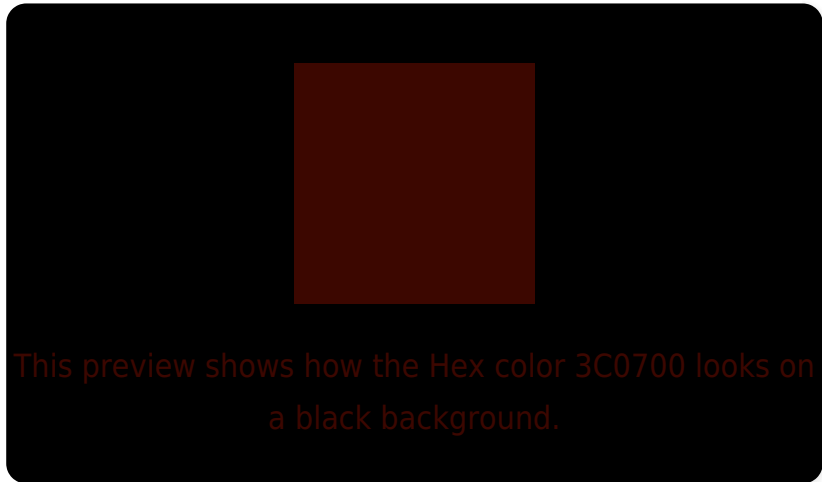
Large Text (above 18pt) WCAG AA ✓ Pass

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

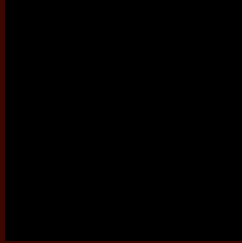
Any Text WCAG AA × Fail

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 3C0700 Background



This preview shows how black text looks on a background with the Hex color 3C0700.

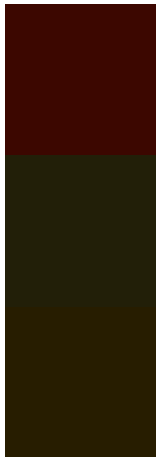


This preview shows how white text looks on a background with the Hex color 3C0700.

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
3C0700

Protanopia
221F08

Deuteranopia
271D00



Tritanopia
3C0705

Trichromacy



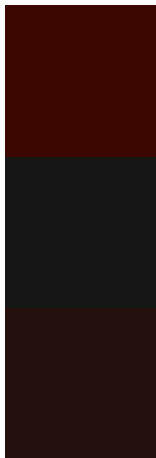
Original Color
3C0700

Protanomaly
2B1605

Deuteranomaly
2F1500

Tritanomaly
3C0703

Monochromacy



Original Color
3C0700

Achromatopsia
161616

Achromatomaly
24110E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0700 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 #3C0700 looks like.

```
.text, #text, p{  
    color:#3C0700  
}
```

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 #3C0700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0700
}
```

Border

The CSS property to change the border of an element to Hex 3C0700 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".

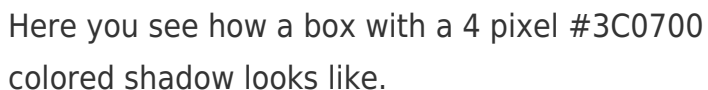
```
.border, #border, table{ border:4px solid
#3C0700 }
```

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

```
.border{ border-color:#3C0700 }
```

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

Here you see how a box with a 4 pixel #3C0700 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0700; -webkit-box-shadow:4px 4px  
4px 4px #3C0700; box-shadow:4px 4px 4px  
4px #3C0700 }
```

Background

The CSS property to change the background color of an element to Hex 3C0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0700 }
```

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

```
.background{ background-color:#3C0700 }
```

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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