

Converting Colors

Hex(50700C)

Have a look what the booklet for
Hex(50700C) contains.

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Color

Hex(50700C)

Conversions

Conversions Part 1

Format	Color
Hex	50700C
RGB	80, 112, 12
RGB Percent	31%, 44%, 5%
CMY	0.6863, 0.5608, 0.9529
CMYK	0.29, 0.00, 0.89, 0.56
HSL	79°, 81%, 24%
HSV	79°, 89%, 44%
XYZ	9.1688, 13.3204, 2.4357
YIQ	91.0320, 13.0280, -37.8840

Conversions

Conversions Part 2

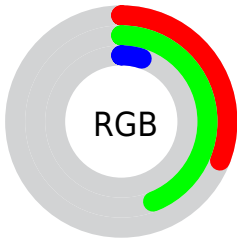
Format	Color
RYB	12, 112, 44
Decimal	5271564
CIELab	43.24, -26.04, 45.79
CIELCh	43, 52.676, 119.628
Yxy	13.3204, 0.3679, 0.5344
Android (android.graphics.Color)	4283461644 (0xFF50700C)
YUV	91.0320, -38.9628, -9.6751
Hunter-Lab	36.4971, -19.0271, 21.5912

Details

The Hex color **50700C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2C0C70**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **85A443**, and **1E4000** is the 20% darker color. If you saturate the color by 10%, you get **4C7001**, and if you desaturate by 10%, it is **547017**.

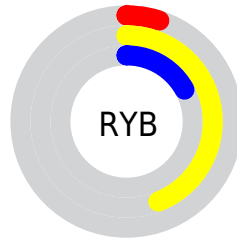
Distribution



Red (31%)

Green (44%)

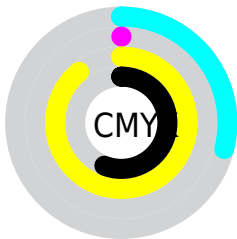
Blue (5%)



Red (5%)

Yellow (44%)

Blue (17%)

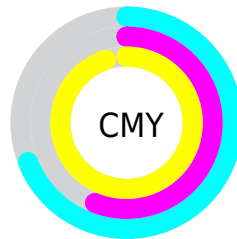


Cyan (29%)

Magenta (0%)

Yellow (89%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50700C 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 50700C by changing the saturation by 10% instead.



50700C



50700C

FFFFFF



365700



85A443



1E4000



A0BF5D



002A00



BCDB77



001300



D8F891



000000



F5FFAC



FFFFC8



FFFFE5



50700C



50700C

■ 4C7001

■ 547017

■ 4C7000

■ 577022

■ 5B702E

■ 5E7039

■ 627044

■ 66704F

■ 69705A

■ 6D7066

■ 707071

Harmonies

Analogous

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



7B6400



50700C



007737

Triad

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



50700C



0076B1



B13969

Complementary

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



50700C



2C0C70

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.



9A4693



50700C



006CBE

Square

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



50700C



007A90



635BB2



B1403E

Rectangle

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



50700C



007955



635BB2



AC3B77

Sweetspot

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



50700C



85916A



702C0C



424A32



C9C9C9



4A4A4A

Same Dimension

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



50700C



639100



1E700C



363832



517800



A8F700

Inverse Universe

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



2C0C70



2F0091



5E0C70



343238



260078



4F00F7

Previews

White Background



This preview shows how the Hex color 50700C looks on a white background.

Color Contrast Check

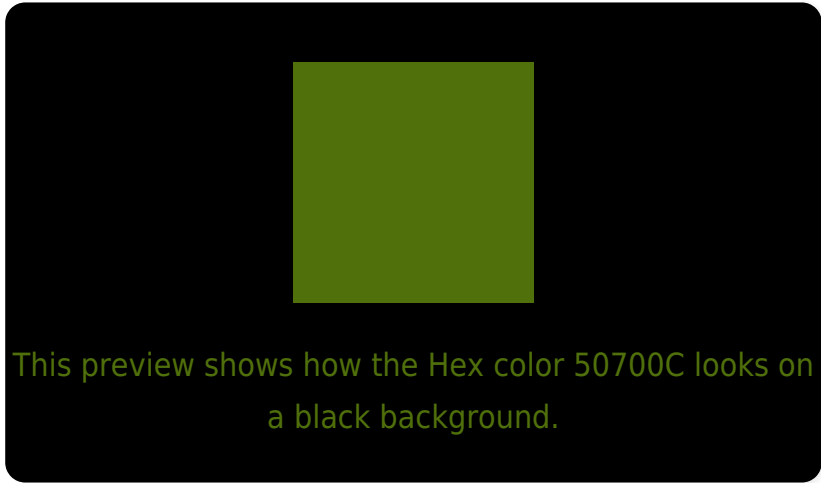
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 50700C Background



This preview shows how black text looks on a background with the Hex color 50700C.



This preview shows how white text looks on a background with the Hex color 50700C.

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
50700C

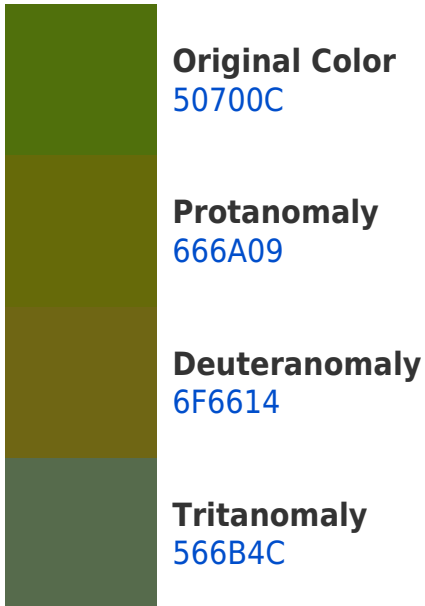
Protanopia
736608

Deuteranopia
806118

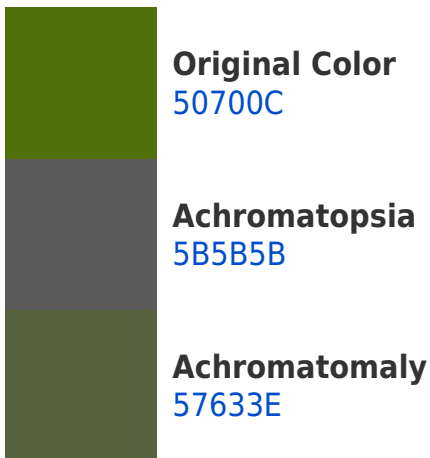


Tritanopia
5A6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50700C 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 #50700C looks like.

```
.text, #text, p{  
    color:#50700C  
}
```

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 #50700C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50700C
}
```

Border

The CSS property to change the border of an element to Hex 50700C 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".

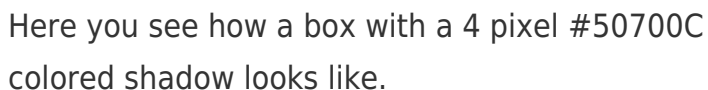
```
.border, #border, table{ border:4px solid
#50700C }
```

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

```
.border{ border-color:#50700C }
```

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

Here you see how a box with a 4 pixel #50700C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a thick, dark green line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50700C; -webkit-box-shadow:4px 4px  
4px 4px #50700C; box-shadow:4px 4px 4px  
4px #50700C }
```

Background

The CSS property to change the background color of an element to Hex 50700C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50700C }
```

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

```
.background{ background-color:#50700C }
```

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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