

Converting Colors

Hex(706C00)

Have a look what the booklet for
Hex(706C00) contains.

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Color

Hex(706C00)

Conversions

Conversions Part 1

Format	Color
Hex	706C00
RGB	112, 108, 0
RGB Percent	44%, 42%, 0%
CMY	0.5608, 0.5765, 1.0000
CMYK	0.00, 0.04, 1.00, 0.56
HSL	58°, 100%, 22%
HSV	58°, 100%, 44%
XYZ	12.0447, 14.1699, 2.1002
YIQ	96.8840, 37.0520, -32.7400

Conversions

Conversions Part 2

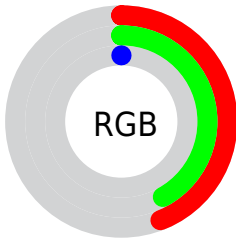
Format	Color
RYB	4, 112, 0
Decimal	7367680
CIELab	44.48, -9.53, 50.63
CIELCh	44, 51.520, 100.656
Yxy	14.1699, 0.4254, 0.5004
Android (android.graphics.Color)	4285557760 (0xFF706C00)
YUV	96.8840, -47.7638, 13.2567
Hunter-Lab	37.6429, -8.7601, 23.0420

Details

The Hex color **706C00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000470**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A79F3D**, and **3C3D00** is the 20% darker color. If you saturate the color by 10%, you get **706C00**, and if you desaturate by 10%, it is **706C0B**.

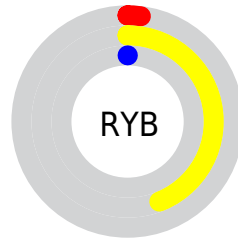
Distribution



Red (44%)

Green (42%)

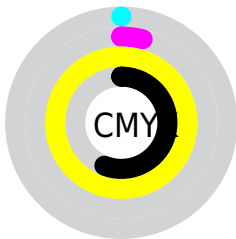
Blue (0%)



Red (2%)

Yellow (44%)

Blue (0%)

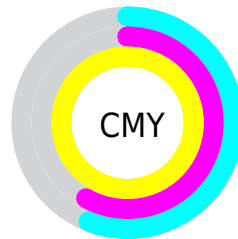


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706C00 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 706C00 by changing the saturation by 10% instead.

 706C00

 706C00

 FFFFFC

 565400

 A79F3D

 3C3D00

 C3BA57

 232700

 E0D671

 001400

 FEF28C

 000000

 FFFFA7

 FFFFC3

 FFFFDF

 706C00

 706C0B

 706D16

 706D22

 706E2D

 706E38

 706E43

 706F4E

 706F5A

 707065

Harmonies

Analogous

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



955D0F



706C00



407622

Triad

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



706C00



007CA0



A84487

Complementary

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



706C00



000470

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.



7E57AB



706C00



0075BA

Square

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



706C00



007D78



2269BE



B63E5C

Rectangle

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



706C00



007A3D



2269BE



9D4A94

Sweetspot

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



706C00



919066



700006



4A492F



C9C9C9



4A4A4A

Same Dimension

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



706C00



918C00



3E7000



383832



787400



F7EF00

Inverse Universe

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



000470



000591



320070



323338



000478



0009F7

Previews

White Background



This preview shows how the Hex color 706C00 looks on a white background.

Color Contrast Check

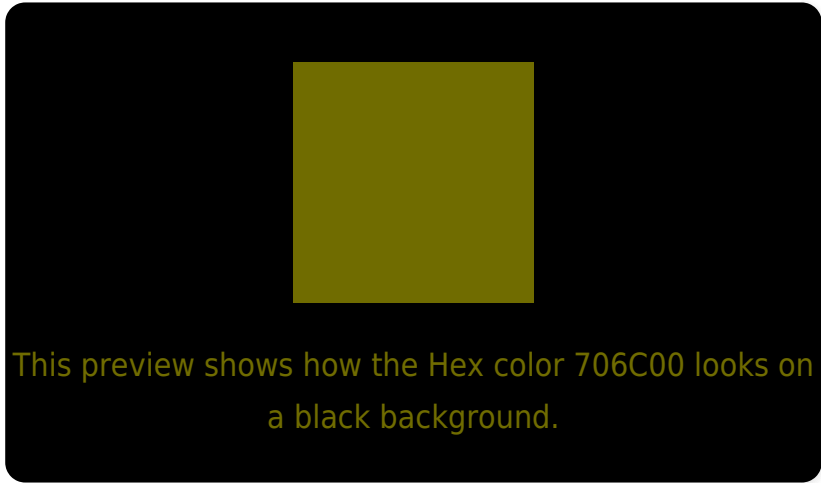
Large Text (above 18pt) WCAG AA ✓ Pass

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

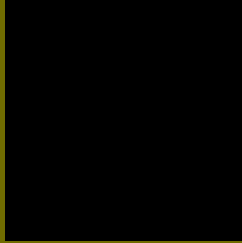
Any Text WCAG AA × Fail

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 706C00 Background



This preview shows how black text looks on a background with the Hex color 706C00.



This preview shows how white text looks on a background with the Hex color 706C00.

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
706C00

Protanopia
776A00

Deuteranopia
856410



Tritanopia
77646C

Trichromacy



Original Color
706C00

Protanomaly
746B00

Deuteranomaly
7D670A

Tritanomaly
746745

Monochromacy



Original Color
706C00

Achromatopsia
616161

Achromatomaly
66653E

CSS Examples

Text

The CSS property to change the color of the text to Hex 706C00 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 #706C00 looks like.

```
.text, #text, p{  
    color:#706C00  
}
```

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 #706C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706C00
}
```

Border

The CSS property to change the border of an element to Hex 706C00 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
#706C00 }
```

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

```
.border{ border-color:#706C00 }
```

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

Here you see how a box with a 4 pixel #706C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706C00; -webkit-box-shadow:4px 4px  
4px 4px #706C00; box-shadow:4px 4px 4px  
4px #706C00 }
```

Background

The CSS property to change the background color of an element to Hex 706C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706C00 }
```

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

```
.background{ background-color:#706C00 }
```

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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