

# Converting Colors

Hex(706F00)

Have a look what the booklet for  
Hex(706F00) contains.

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**Color**

**Hex(706F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	706F00
RGB	112, 111, 0
RGB Percent	44%, 44%, 0%
CMY	0.5608, 0.5647, 1.0000
CMYK	0.00, 0.01, 1.00, 0.56
HSL	59°, 100%, 22%
HSV	59°, 100%, 44%
XYZ	12.3665, 14.8136, 2.2075
YIQ	98.6450, 36.2270, -34.3090

# Conversions

## Conversions Part 2

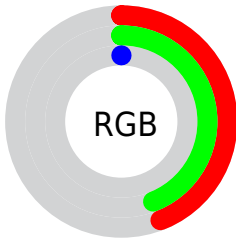
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 112, 0
Decimal	7368448
CIE Lab	45.38, -11.20, 51.29
CIE LCh	45, 52.497, 102.317
Yxy	14.8136, 0.4208, 0.5041
Android (android.graphics.Color)	4285558528 (0xFF706F00)
YUV	98.6450, -48.6320, 11.7123
Hunter-Lab	38.4885, -10.0019, 23.5413

# Details

The Hex color **706F00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000170**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A7A23E**, and **3C4000** is the 20% darker color. If you saturate the color by 10%, you get **706F00**, and if you desaturate by 10%, it is **706F0B**.

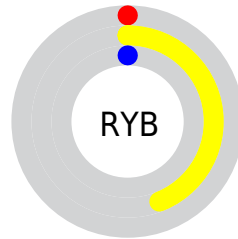
# Distribution



Red (44%)

Green (44%)

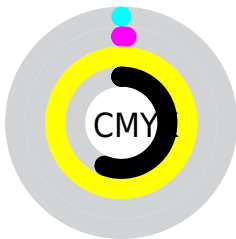
Blue (0%)



Red (0%)

Yellow (44%)

Blue (0%)

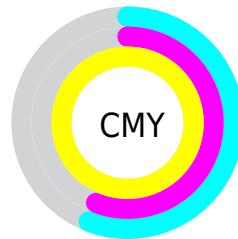


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706F00 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 706F00 by changing the saturation by 10% instead.



 706F00

 706F00

FFFFFFD

 565700

 A7A23E

 3C4000

 C3BD58

 232A00

 E0D972

 011700

 FEF58C

 000000

 FFFFA8

 FFFFC4

 FFFFEO

 706F00

 706F0B

 706F16

 706F22

 706F2D

 707038

 707043

 70704E

 70705A

 707065

# Harmonies

## Analogous

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



96600D



706F00



3E7925

# Triad

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



706F00



007EA6



AD4587

# Complementary

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



706F00



000170

# 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.



8457AD



706F00



0077BF

# Square

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



706F00



00807D



2D6AC2



BA405B

# Rectangle

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



706F00



007D40



2D6AC2



A34A95



# Sweetspot

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



706F00



919166



700002



4A4A2F



C9C9C9



4A4A4A



# Same Dimension

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



706F00



919000



3A7000



383832



787700



F7F500



# Inverse Universe

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



000170



000191



360070



323338



000178



0002F7



# Previews

## White Background



This preview shows how the Hex color 706F00 looks on a white background.

## Color Contrast Check

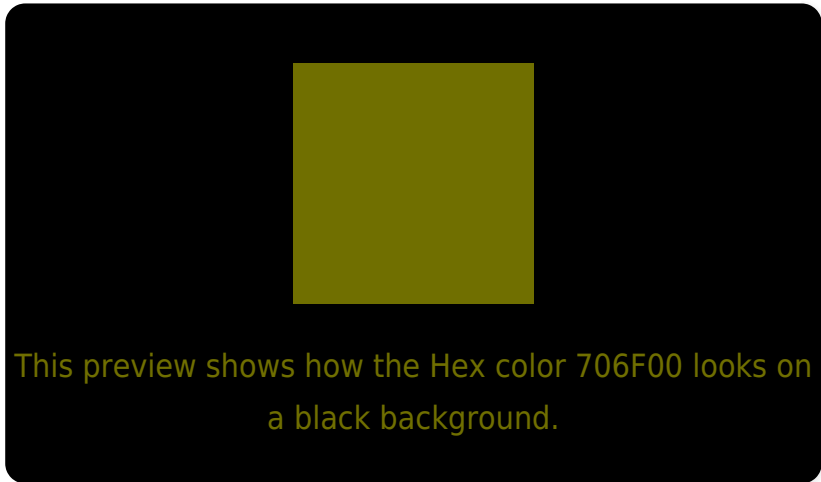
Large Text (above 18pt) WCAG AA ✓ Pass

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

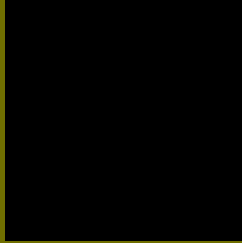
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 706F00 Background



This preview shows how black text looks on a background with the Hex color 706F00.



This preview shows how white text looks on a background with the Hex color 706F00.

# 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**  
706F00

**Protanopia**  
796C00

**Deuteranopia**  
886611



**Tritanopia**  
77676F

# Trichromacy



**Original Color**  
706F00

**Protanomaly**  
766D00

**Deuteranomaly**  
7F690B

**Tritanomaly**  
746A47

# Monochromacy



**Original Color**  
706F00

**Achromatopsia**  
636363

**Achromatomaly**  
68673F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706F00 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 #706F00 looks like.

```
.text, #text, p{  
    color:#706F00  
}
```

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 #706F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706F00
}
```

## Border

The CSS property to change the border of an element to Hex 706F00 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
#706F00 }
```

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

```
.border{ border-color:#706F00 }
```

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

Here you see how a box with a 4 pixel #706F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706F00; -webkit-box-shadow:4px 4px  
4px 4px #706F00; box-shadow:4px 4px 4px  
4px #706F00 }
```

# Background

The CSS property to change the background color of an element to Hex 706F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706F00 }
```

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

```
.background{ background-color:#706F00 }
```

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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