

# Converting Colors

Hex(726F00)

Have a look what the booklet for  
Hex(726F00) contains.

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# Color

Hex(726F00)

# Conversions

## Conversions Part 1

Format	Color
Hex	726F00
RGB	114, 111, 0
RGB Percent	45%, 44%, 0%
CMY	0.5529, 0.5647, 1.0000
CMYK	0.00, 0.03, 1.00, 0.55
HSL	58°, 100%, 22%
HSV	58°, 100%, 45%
XYZ	12.6239, 14.9463, 2.2196
YIQ	99.2430, 37.4190, -33.8850

# Conversions

## Conversions Part 2

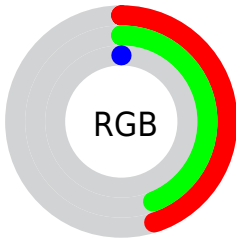
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	3, 114, 0
Decimal	7499520
CIE <sub>Lab</sub>	45.56, -10.24, 51.50
CIE <sub>LCh</sub>	46, 52.513, 101.246
Yxy	14.9463, 0.4238, 0.5017
Android (android.graphics.Color)	4285689600 (0xFF726F00)
YUV	99.2430, -48.9268, 12.9419
Hunter-Lab	38.6604, -9.3698, 23.6583

# Details

The Hex color **726F00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000372**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A9A23E**, and **3E4000** is the 20% darker color. If you saturate the color by 10%, you get **726F00**, and if you desaturate by 10%, it is **726F0B**.

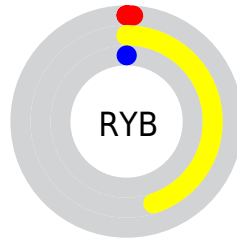
# Distribution



Red (45%)

Green (44%)

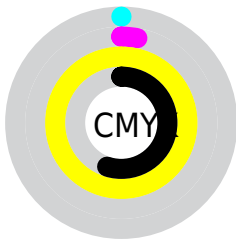
Blue (0%)



Red (1%)

Yellow (45%)

Blue (0%)

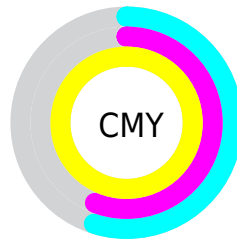


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 726F00 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 726F00 by changing the saturation by 10% instead.



 726F00

 726F00

FFFFFFD

 575700

 A9A23E

 3E4000

 C6BD58

 252A00

 E3D972

 051700

 FFF58D

 000000

 FFFFA8

 FFFFC4

 FFFFEO

 726F00

 726F0B

 727017

 727022

 72702E

 727139

 727144

 727150

 72715B

 727267

# Harmonies

## Analogous

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



98600F



726F00



417924

# Triad

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



726F00



007FA5



AC4689

# Complementary

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



726F00



000372

# 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.



8359AE



726F00



0078BF

# Square

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



726F00



00807C



276BC2



BB405D

# Rectangle

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



726F00



007D3F



276BC2



A24B97



# Sweetspot

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



726F00



949368



720004



4A492F



C9C9C9



4A4A4A



# Same Dimension

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



726F00



949000



3D7200



383832



787500



F7F100



# Inverse Universe

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



000372



000494



350072



323338



000378



0007F7



# Previews

## White Background



This preview shows how the Hex color 726F00 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

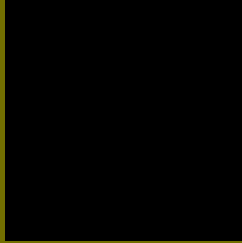
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 726F00 Background



This preview shows how black text looks on a background with the Hex color 726F00.



This preview shows how white text looks on a background with the Hex color 726F00.

# 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**  
726F00

**Protanopia**  
7A6C00

**Deuteranopia**  
886610



**Tritanopia**  
79676F

# Trichromacy



**Original Color**  
726F00

**Protanomaly**  
776D00

**Deuteranomaly**  
80690A

**Tritanomaly**  
766A47

# Monochromacy



**Original Color**  
726F00

**Achromatopsia**  
636363

**Achromatomaly**  
68673F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726F00 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 #726F00 looks like.

```
.text, #text, p{  
    color:#726F00  
}
```

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 #726F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726F00
}
```

## Border

The CSS property to change the border of an element to Hex 726F00 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
#726F00 }
```

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

```
.border{ border-color:#726F00 }
```

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

Here you see how a box with a 4 pixel #726F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726F00; -webkit-box-shadow:4px 4px  
4px 4px #726F00; box-shadow:4px 4px 4px  
4px #726F00 }
```

# Background

The CSS property to change the background color of an element to Hex 726F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726F00 }
```

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

```
.background{ background-color:#726F00 }
```

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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