

# Converting Colors

Hex(706026)

Have a look what the booklet for  
Hex(706026) contains.

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**Color**

**Hex(706026)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	706026
RGB	112, 96, 38
RGB Percent	44%, 38%, 15%
CMY	0.5608, 0.6235, 0.8510
CMYK	0.00, 0.14, 0.66, 0.56
HSL	47°, 49%, 29%
HSV	47°, 66%, 44%
XYZ	11.2148, 11.9504, 3.5493
YIQ	94.1720, 28.1540, -14.6460

# Conversions

## Conversions Part 2

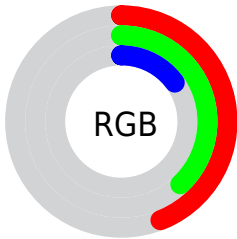
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 112, 38
Decimal	7364646
CIE <sub>Lab</sub>	41.14, -1.04, 34.62
CIE <sub>LCh</sub>	41, 34.639, 91.726
Yxy	11.9504, 0.4198, 0.4473
Android (android.graphics.Color)	4285554726 (0xFF706026)
YUV	94.1720, -27.6928, 15.6352
Hunter-Lab	34.5694, -2.5884, 18.1112

# Details

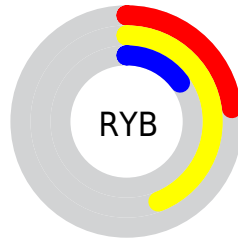
The Hex color **706026** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **263670**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A69256**, and **3E3200** is the 20% darker color. If you saturate the color by 10%, you get **705E1B**, and if you desaturate by 10%, it is **706231**.

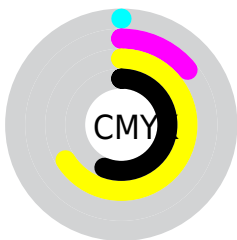
# Distribution



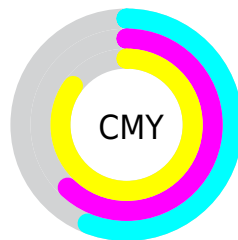
- Red (44%)
- Green (38%)
- Blue (15%)



- Red (23%)
- Yellow (44%)
- Blue (15%)



- Cyan (0%)
- Magenta (14%)
- Yellow (66%)
- Black (56%)



- Cyan (56%)
- Magenta (62%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706026 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 706026 by changing the saturation by 10% instead.





706026



706026

FFFFFF



56480E



A69256



3E3200



C2AD6F



251D00



DEC889



040500



FCE4A3



000000



FFFFBF



FFFFDB



FFFFF7



706026



706026

■ 705E1B

■ 706231

■ 705B10

■ 70653C

■ 705904

■ 706748

■ 705800

■ 706A53

■ 706C5E

■ 706F69

■ 707174

■ 707380

■ 70768B

# Harmonies

## Analogous

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



87562F



706026



53682F

# Triad

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



706026



006F7E



854E7C

# Complementary

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



706026



263670

# 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.



655991



706026



006B93

# Square

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



706026



006F62



2F639A



954960

# Rectangle

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



706026



3B6C3C



2F639A



7C5185



# Sweetspot

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



706026



918B74



702636



4A4638



C9C9C9



4A4A4A



# Same Dimension

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



706026



91791F



5B7026



383732



785E00



F7C200



# Inverse Universe

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



263670



1F3791



3B2670



323438



001A78



0035F7



# Previews

## White Background



This preview shows how the Hex color 706026 looks on a white background.

## Color Contrast Check

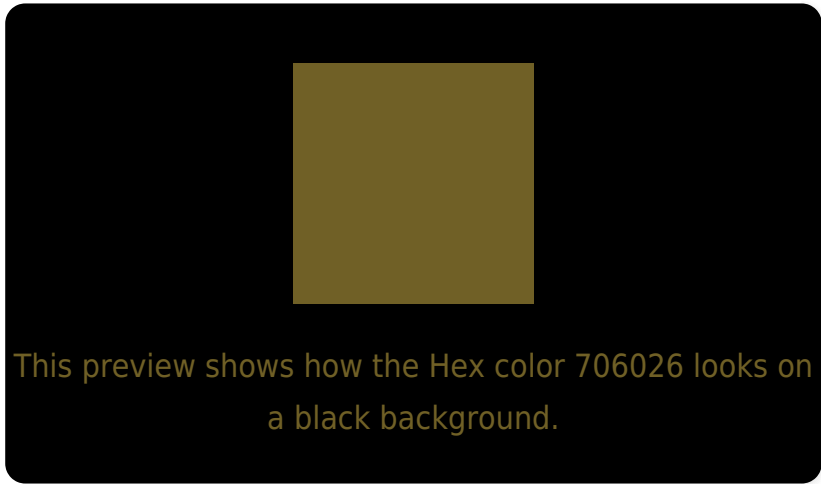
Large Text (above 18pt) WCAG AA ✓ Pass

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 706026 Background



This preview shows how black text looks on a background with the Hex color 706026.



This preview shows how white text looks on a background with the Hex color 706026.

# 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**  
706026

**Protanopia**  
6C6126

**Deuteranopia**  
795C27



**Tritanopia**  
755A61

# Trichromacy



**Original Color**  
706026

**Protanomaly**  
6D6126

**Deuteranomaly**  
765D27

**Tritanomaly**  
735C4C

# Monochromacy



**Original Color**  
706026

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
655F4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706026 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 #706026 looks like.

```
.text, #text, p{  
    color:#706026  
}
```

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 #706026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706026
}
```

## Border

The CSS property to change the border of an element to Hex 706026 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
#706026 }
```

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

```
.border{ border-color:#706026 }
```

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

Here you see how a box with a 4 pixel #706026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706026; -webkit-box-shadow:4px 4px  
4px 4px #706026; box-shadow:4px 4px 4px  
4px #706026 }
```

# Background

The CSS property to change the background color of an element to Hex 706026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706026 }
```

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

```
.background{ background-color:#706026 }
```

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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