

# Converting Colors

Hex(627706)

Have a look what the booklet for  
Hex(627706) contains.

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**Color**

**Hex(627706)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	627706
RGB	98, 119, 6
RGB Percent	38%, 47%, 2%
CMY	0.6157, 0.5333, 0.9765
CMYK	0.18, 0.00, 0.95, 0.53
HSL	71°, 90%, 25%
HSV	71°, 95%, 47%
XYZ	11.6667, 15.8035, 2.6078
YIQ	99.8390, 23.7570, -39.5950

# Conversions

## Conversions Part 2

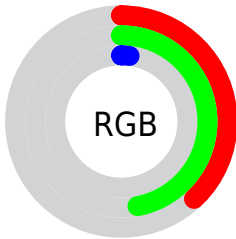
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 119, 27
Decimal	6452998
CIELab	46.72, -21.84, 50.48
CIELCh	47, 55.001, 113.393
Yxy	15.8035, 0.3879, 0.5254
Android (android.graphics.Color)	4284643078 (0xFF627706)
YUV	99.8390, -46.2626, -1.6128
Hunter-Lab	39.7536, -17.1834, 23.9382

# Details

The Hex color **627706** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B0677**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **98AB42**, and **2F4700** is the 20% darker color. If you saturate the color by 10%, you get **617700**, and if you desaturate by 10%, it is **647712**.

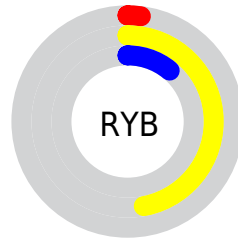
# Distribution



Red (38%)

Green (47%)

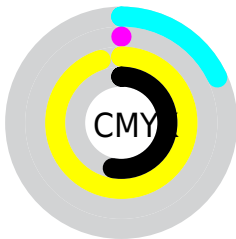
Blue (2%)



Red (2%)

Yellow (47%)

Blue (11%)

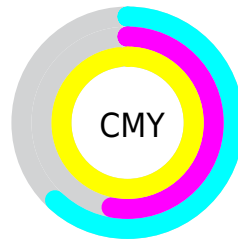


Cyan (18%)

Magenta (0%)

Yellow (95%)

Black (53%)



Cyan (62%)

Magenta (53%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627706 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 627706 by changing the saturation by 10% instead.





627706



627706

FFFFFF



485E00



98AB42



2F4700



B4C65C



143000



D0E376



001D00



EDFF91



000000



FFFFAC



FFFFC9



FFFFE5



627706



627706

■ 617700

■ 647712

■ 66771E

■ 69772A

■ 6B7736

■ 6D7742

■ 6F774D

■ 717759

■ 747765

■ 767771

# Harmonies

## Analogous

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



8E6900



627706



1E7F34

# Triad

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



627706



0080B8



BC417B

# Complementary

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



627706



1B0677

# 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.



9C51A6



627706



0077CB

# Square

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



627706



008492



5967C4



C0434D

# Rectangle

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



627706



008253



5967C4



B4458A



# Sweetspot

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



627706



939C70



771B06



4A4F34



CFCFCF



4F4F4F



# Same Dimension

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



627706



7F9C00



2A7706



3A3B35



647A00



CBFA00



# Inverse Universe

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



1B0677



1D009C



530677



36353B



17007A



2E00FA



# Previews

## White Background



This preview shows how the Hex color 627706 looks on a white background.

## Color Contrast Check

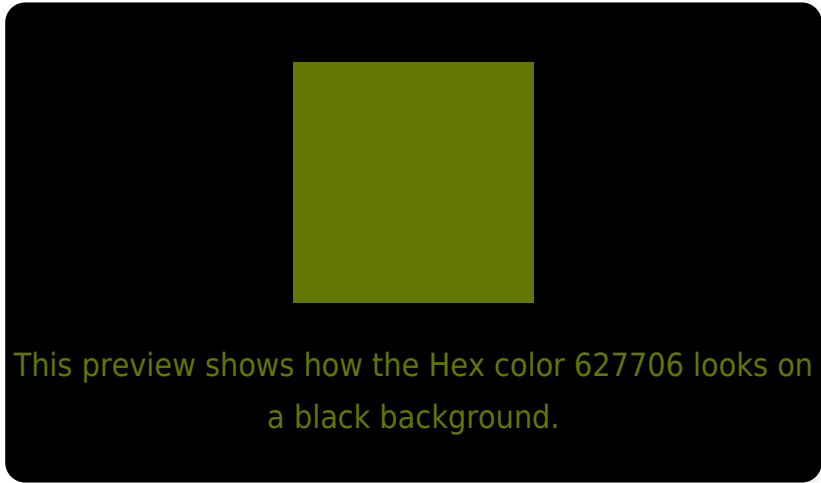
Large Text (above 18pt) WCAG AA ✓ Pass

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 627706 Background



This preview shows how black text looks on a background with the Hex color 627706.



This preview shows how white text looks on a background with the Hex color 627706.

# 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**  
627706

**Protanopia**  
7D6F00

**Deuteranopia**  
8B6916



**Tritanopia**  
6C6F77

# Trichromacy



**Original Color**  
627706

**Protanomaly**  
737202

**Deuteranomaly**  
7C6E10

**Tritanomaly**  
68724E

# Monochromacy



**Original Color**  
627706

**Achromatopsia**  
646464

**Achromatomaly**  
636B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627706 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 #627706 looks like.

```
.text, #text, p{  
    color:#627706  
}
```

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 #627706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627706
}
```

## Border

The CSS property to change the border of an element to Hex 627706 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
#627706 }
```

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

```
.border{ border-color:#627706 }
```

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

Here you see how a box with a 4 pixel #627706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627706; -webkit-box-shadow:4px 4px  
4px 4px #627706; box-shadow:4px 4px 4px  
4px #627706 }
```

# Background

The CSS property to change the background color of an element to Hex 627706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627706 }
```

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

```
.background{ background-color:#627706 }
```

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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