

# Converting Colors

Hex(782706)

Have a look what the booklet for  
Hex(782706) contains.

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**Color**

**Hex(782706)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	782706
RGB	120, 39, 6
RGB Percent	47%, 15%, 2%
CMY	0.5294, 0.8471, 0.9765
CMYK	0.00, 0.67, 0.95, 0.53
HSL	17°, 90%, 25%
HSV	17°, 95%, 47%
XYZ	8.5041, 5.4573, 0.7774
YIQ	59.4570, 58.8690, 6.9090

# Conversions

## Conversions Part 2

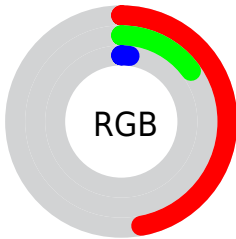
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 52, 6
Decimal	7874310
CIE <sub>Lab</sub>	28.00, 33.98, 37.16
CIE <sub>LCh</sub>	28, 50.349, 47.557
Yxy	5.4573, 0.5770, 0.3703
Android (android.graphics.Color)	4286064390 (0xFF782706)
YUV	59.4570, -26.3543, 53.0962
Hunter-Lab	23.3608, 24.0988, 14.3794

# Details

The Hex color **782706** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **065778**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B35834**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **782300**, and if you desaturate by 10%, it is **783012**.

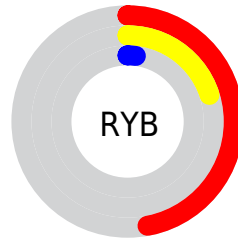
# Distribution



Red (47%)

Green (15%)

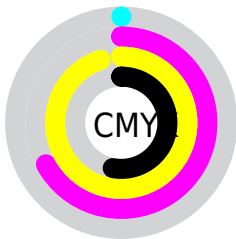
Blue (2%)



Red (47%)

Yellow (20%)

Blue (2%)

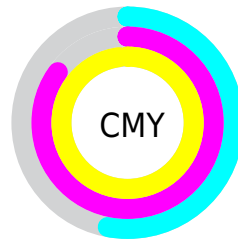


Cyan (0%)

Magenta (67%)

Yellow (95%)

Black (53%)



Cyan (53%)

Magenta (85%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 782706 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 782706 by changing the saturation by 10% instead.



 782706

 782706

 FFFFEB

 5C0D00

 B35834

 3F0000

 D0724C

 270001

 EF8C64

 000000

 FFA77E

 FFC298

 FFDFB3

 FFFBCF

 782706

 782706

■ 782300

■ 783012

■ 78381E

■ 78412A

■ 784936

■ 785242

■ 785A4E

■ 78635A

■ 786B66

■ 787472

# Harmonies

## Analogous

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



840F2D



782706



5F3A00

# Triad

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



782706



005230



003F8D

# Complementary

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



782706



065778

# 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.



004B8E



782706



005358

# Square

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



782706



004E03



00517B



5F2B77

# Rectangle

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



782706



494400



00517B



004490



# Sweetspot

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



782706



9C7B6E



780658



4F3B33



CFCFCF



4F4F4F



# Same Dimension

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



782706



9C2D00



785F06



3D3937



7D2400



FC4900



# Inverse Universe

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



065778



006F9C



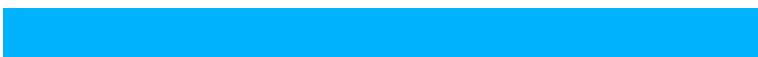
061F78



373B3D



00597D

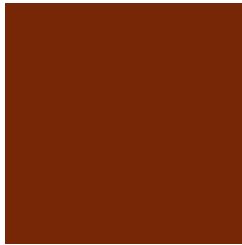


00B3FC



# Previews

## White Background



This preview shows how the Hex color 782706 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

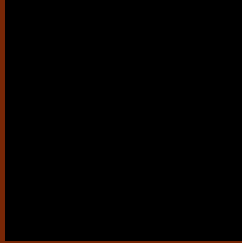
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 782706 Background



This preview shows how black text looks on a background with the Hex color 782706.



This preview shows how white text looks on a background with the Hex color 782706.

# 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**  
782706

**Protanopia**  
4C440E

**Deuteranopia**  
554000



# Trichromacy



**Original Color**  
782706

**Protanomaly**  
5C390B

**Deuteranomaly**  
623702

**Tritanomaly**  
79251A

# Monochromacy



**Original Color**  
782706

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
513428

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 782706 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 #782706 looks like.

```
.text, #text, p{  
    color:#782706  
}
```

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 #782706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782706
}
```

## Border

The CSS property to change the border of an element to Hex 782706 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
#782706 }
```

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

```
.border{ border-color:#782706 }
```

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

Here you see how a box with a 4 pixel #782706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782706; -webkit-box-shadow:4px 4px  
4px 4px #782706; box-shadow:4px 4px 4px  
4px #782706 }
```

# Background

The CSS property to change the background color of an element to Hex 782706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782706 }
```

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

```
.background{ background-color:#782706 }
```

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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