

# Converting Colors

Hex(786119)

Have a look what the booklet for  
Hex(786119) contains.

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**Color**

**Hex(786119)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786119
RGB	120, 97, 25
RGB Percent	47%, 38%, 10%
CMY	0.5294, 0.6196, 0.9020
CMYK	0.00, 0.19, 0.79, 0.53
HSL	45°, 66%, 28%
HSV	45°, 79%, 47%
XYZ	12.1959, 12.6126, 2.7114
YIQ	95.6690, 36.8200, -17.5160

# Conversions

## Conversions Part 2

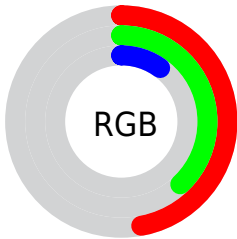
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 120, 25
Decimal	7889177
CIE Lab	42.17, 1.44, 41.90
CIE LCh	42, 41.921, 88.029
Yxy	12.6126, 0.4432, 0.4583
Android (android.graphics.Color)	4286079257 (0xFF786119)
YUV	95.6690, -34.8398, 21.3383
Hunter-Lab	35.5143, -0.8517, 20.3334

# Details

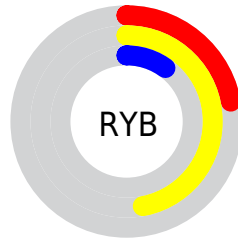
The Hex color **786119** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **193078**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AF934A**, and **443300** is the 20% darker color. If you saturate the color by 10%, you get **785E0D**, and if you desaturate by 10%, it is **786425**.

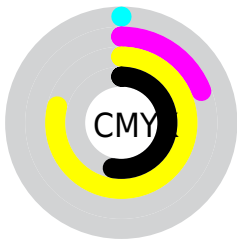
# Distribution



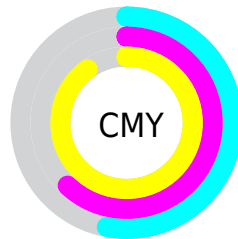
- Red (47%)
- Green (38%)
- Blue (10%)



- Red (22%)
- Yellow (47%)
- Blue (10%)



- Cyan (0%)
- Magenta (19%)
- Yellow (79%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786119 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 786119 by changing the saturation by 10% instead.



 786119

 786119

FFFFFF

 5D4900

 AF934A

 443300

 CCAE63

 2B1E00

 E9C97D

 0F0600

 FFE598

 000000

 FFFFB3

 FFFFCE

 FFFFEB

 786119

 786119

■ 785E0D

■ 786425

■ 785B01

■ 786731

■ 785B00

■ 786A3D

■ 786D49

■ 787055

■ 787261

■ 78756D

■ 787879

■ 787B85

# Harmonies

## Analogous

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



925429



786119



566B22

# Triad

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



786119



007483



8B4D89

# Complementary

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



786119



193078

# 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.



605BA1



786119



00709E

# Square

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



786119



007460



0068A9



A04467

# Rectangle

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



786119



397033



0068A9



805292



# Sweetspot

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



786119



9C9376



781931



4F4938



CFCFCF



4F4F4F



# Same Dimension

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



786119



9C7808



607819



3D3C37



7D5F00



FCBF00



# Inverse Universe

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



193078



082C9C



311978



37393D



001E7D



003DFC



# Previews

## White Background



This preview shows how the Hex color 786119 looks on a white background.

## Color Contrast Check

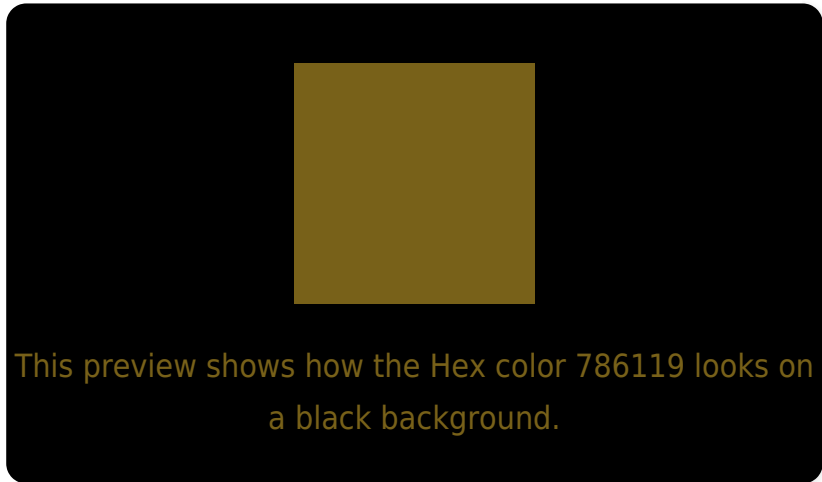
Large Text (above 18pt) WCAG AA ✓ Pass

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 786119 Background



This preview shows how black text looks on a background with the Hex color 786119.



This preview shows how white text looks on a background with the Hex color 786119.

# 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**


786119

**Protanopia**

70641A

**Deuteranopia**

7D5F1A



**Tritanopia**  
7D5A61

# Trichromacy



**Original Color**  
786119

**Protanomaly**  
73631A

**Deuteranomaly**  
7B601A

**Tritanomaly**  
7B5D47

# Monochromacy



**Original Color**  
786119

**Achromatopsia**  
606060

**Achromatomaly**  
696046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786119 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 #786119 looks like.

```
.text, #text, p{  
    color:#786119  
}
```

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 #786119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786119
}
```

## Border

The CSS property to change the border of an element to Hex 786119 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
#786119 }
```

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

```
.border{ border-color:#786119 }
```

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

Here you see how a box with a 4 pixel #786119 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786119; -webkit-box-shadow:4px 4px  
4px 4px #786119; box-shadow:4px 4px 4px  
4px #786119 }
```

# Background

The CSS property to change the background color of an element to Hex 786119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786119 }
```

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

```
.background{ background-color:#786119 }
```

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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