

# Converting Colors

Hex(786129)

Have a look what the booklet for  
Hex(786129) contains.

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**Color**

**Hex(786129)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786129
RGB	120, 97, 41
RGB Percent	47%, 38%, 16%
CMY	0.5294, 0.6196, 0.8392
CMYK	0.00, 0.19, 0.66, 0.53
HSL	43°, 49%, 32%
HSV	43°, 66%, 47%
XYZ	12.4207, 12.7026, 3.8950
YIQ	97.4930, 31.6840, -12.5400

# Conversions

## Conversions Part 2

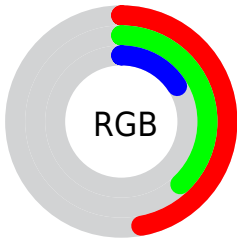
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 120, 41
Decimal	7889193
CIE <sub>Lab</sub>	42.31, 2.39, 34.64
CIE <sub>LCh</sub>	42, 34.720, 86.058
Yxy	12.7026, 0.4280, 0.4377
Android (android.graphics.Color)	4286079273 (0xFF786129)
YUV	97.4930, -27.8510, 19.7386
Hunter-Lab	35.6406, -0.1644, 18.4689

# Details

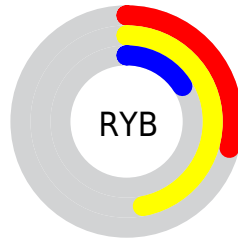
The Hex color **786129** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **294078**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AF9359**, and **453300** is the 20% darker color. If you saturate the color by 10%, you get **785E1D**, and if you desaturate by 10%, it is **786435**.

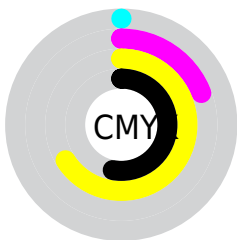
# Distribution



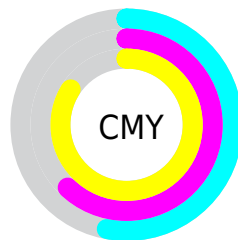
- Red (47%)
- Green (38%)
- Blue (16%)



- Red (29%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (19%)
- Yellow (66%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786129 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 786129 by changing the saturation by 10% instead.



 786129

 786129

FFFFFF

 5E4911

 AF9359

 453300

 CBAE72

 2C1E00

 E8C98C

 120600

 FFE5A7

 000000

 FFFFC2

 FFFFDE

 FFFFFB

 786129

 786129

■ 785E1D

■ 786435

■ 785A11

■ 786841

■ 785705

■ 786B4D

■ 785500

■ 786F59

■ 787265

■ 787671

■ 78797D

■ 787D89

■ 788095

# Harmonies

## Analogous

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



8E5635



786129



5C6A2E

# Triad

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



786129



00727C



845384

# Complementary

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



786129



294078

# 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.



605E97



786129



006F93

# Square

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



786129



00725F



24689D



964C69

# Rectangle

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



786129



456E3B



24689D



7A568C



# Sweetspot

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



786129



9C927C



782941



4F4A3C



CFCFCF



4F4F4F



# Same Dimension

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



786129



9C7821



687829



3D3B37



7D5900



FCB300



# Inverse Universe

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



294078



21449C



392978



37393D



00247D



0049FC



# Previews

## White Background



This preview shows how the Hex color 786129 looks on a white background.

## Color Contrast Check

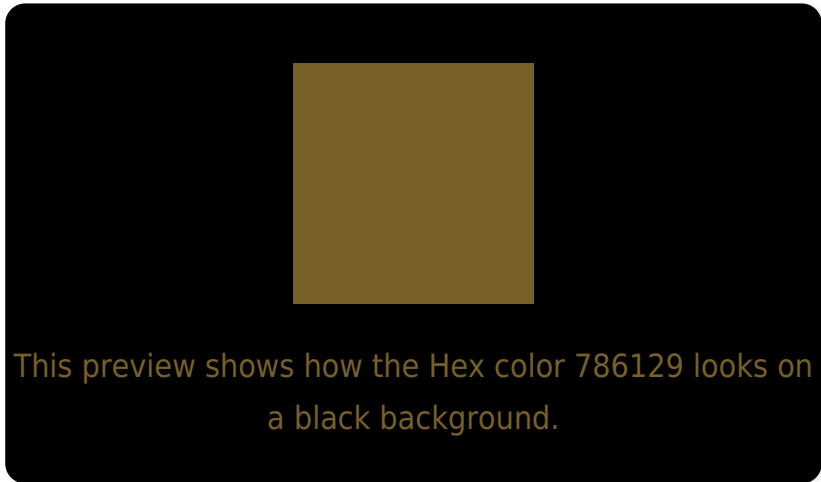
Large Text (above 18pt) WCAG AA ✓ Pass

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

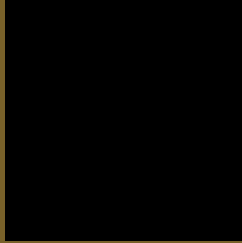
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786129 Background



This preview shows how black text looks on a background with the Hex color 786129.



This preview shows how white text looks on a background with the Hex color 786129.

# 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**  
786129

**Protanopia**  
6F642A

**Deuteranopia**  
7C5F2A



**Tritanopia**  
7C5B62

# Trichromacy



**Original Color**  
786129

**Protanomaly**  
72632A

**Deuteranomaly**  
7B602A

**Tritanomaly**  
7B5D4D

# Monochromacy



**Original Color**  
786129

**Achromatopsia**  
616161

**Achromatomaly**  
69614D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786129 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 #786129 looks like.

```
.text, #text, p{  
    color:#786129  
}
```

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 #786129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786129
}
```

## Border

The CSS property to change the border of an element to Hex 786129 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
#786129 }
```

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

```
.border{ border-color:#786129 }
```

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

Here you see how a box with a 4 pixel #786129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786129; -webkit-box-shadow:4px 4px  
4px 4px #786129; box-shadow:4px 4px 4px  
4px #786129 }
```

# Background

The CSS property to change the background color of an element to Hex 786129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786129 }
```

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

```
.background{ background-color:#786129 }
```

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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