

# Converting Colors

Hex(788126)

Have a look what the booklet for  
Hex(788126) contains.

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**Color**

**Hex(788126)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	788126
RGB	120, 129, 38
RGB Percent	47%, 51%, 15%
CMY	0.5294, 0.4941, 0.8510
CMYK	0.07, 0.00, 0.71, 0.49
HSL	66°, 54%, 33%
HSV	66°, 71%, 51%
XYZ	15.9458, 19.8335, 4.8215
YIQ	115.9350, 23.8470, -30.2090

# Conversions

## Conversions Part 2

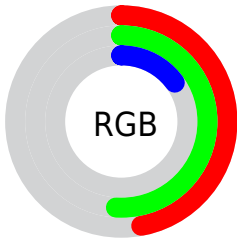
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 129, 47
Decimal	7897382
CIE <sub>Lab</sub>	51.65, -15.82, 45.88
CIE <sub>LCh</sub>	52, 48.530, 109.029
Yxy	19.8335, 0.3927, 0.4885
Android (android.graphics.Color)	4286087462 (0xFF788126)
YUV	115.9350, -38.4220, 3.5650
Hunter-Lab	44.5348, -14.0235, 24.7554

# Details

The Hex color **788126** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2F2681**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **AFB659**, and **445000** is the 20% darker color. If you saturate the color by 10%, you get **778119**, and if you desaturate by 10%, it is **798133**.

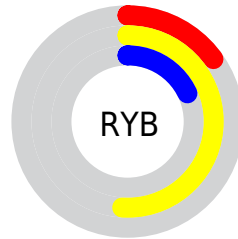
# Distribution



Red (47%)

Green (51%)

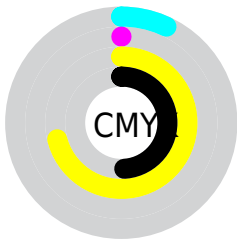
Blue (15%)



Red (15%)

Yellow (51%)

Blue (18%)

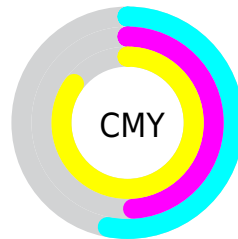


Cyan (7%)

Magenta (0%)

Yellow (71%)

Black (49%)



Cyan (53%)

Magenta (49%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788126 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 788126 by changing the saturation by 10% instead.





788126



788126

FFFFFF



5E6808



AFB659



445000



CBD173



2C3900



E8EE8D



132400



FFFFA8



000B00



FFFFC4



000000



FFFFE1

FFFFFFE



788126



788126

■ 778119

■ 798133

■ 75810C

■ 7B8140

■ 748100

■ 7C814D

■ 7D815A

■ 7E8167

■ 808173

■ 818180

■ 82818D

■ 83819A

# Harmonies

## Analogous

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



9E7425



788126



468A42

# Triad

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



788126



008CB9



BF578C

# Complementary

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



788126



2F2681

# 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.



9F65B2



788126



0084CC

# Square

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



788126



008F95



6176CA



C75762

# Rectangle

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



788126



008D5C



6176CA



B75B9A



# Sweetspot

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



788126



A5A885



812E26



52543F



D4D4D4



545454



# Same Dimension

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



788126



9AA819



4C8126



3F4039



738000



000000



# Inverse Universe

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



2F2681



2719A8



5B2681



3A3940



0D0080



000000



# Previews

## White Background



This preview shows how the Hex color 788126 looks on a white background.

## Color Contrast Check

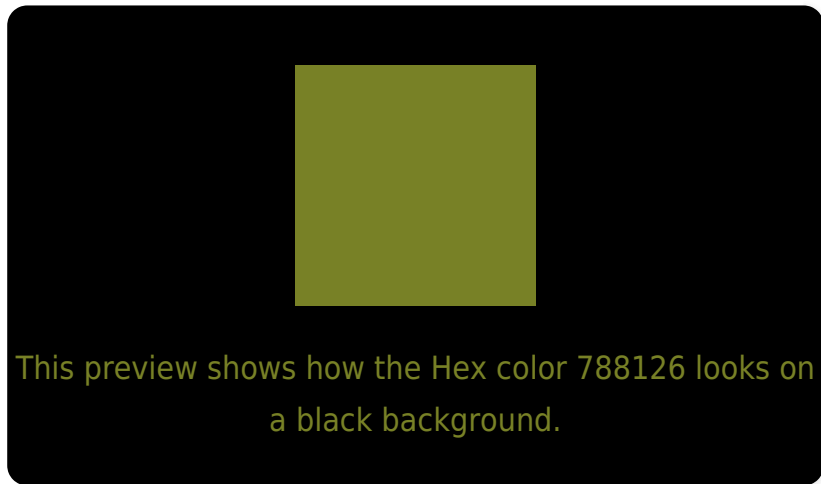
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

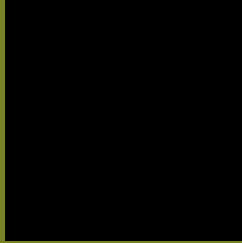
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 788126 Background



This preview shows how black text looks on a background with the Hex color 788126.



This preview shows how white text looks on a background with the Hex color 788126.

# 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**  
788126

**Protanopia**  
8A7B25

**Deuteranopia**  
9A752B



**Tritanopia**  
817882

# Trichromacy



**Original Color**  
788126

**Protanomaly**  
837D25

**Deuteranomaly**  
8E7929

**Tritanomaly**  
7E7B61

# Monochromacy



**Original Color**  
788126

**Achromatopsia**  
747474

**Achromatomaly**  
757958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788126 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 #788126 looks like.

```
.text, #text, p{  
    color:#788126  
}
```

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 #788126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788126
}
```

## Border

The CSS property to change the border of an element to Hex 788126 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
#788126 }
```

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

```
.border{ border-color:#788126 }
```

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

Here you see how a box with a 4 pixel #788126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788126; -webkit-box-shadow:4px 4px  
4px 4px #788126; box-shadow:4px 4px 4px  
4px #788126 }
```

# Background

The CSS property to change the background color of an element to Hex 788126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788126 }
```

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

```
.background{ background-color:#788126 }
```

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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