

# Converting Colors

Hex(577112)

Have a look what the booklet for  
Hex(577112) contains.

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**Color**

**Hex(577112)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	577112
RGB	87, 113, 18
RGB Percent	34%, 44%, 7%
CMY	0.6588, 0.5569, 0.9294
CMYK	0.23, 0.00, 0.84, 0.56
HSL	76°, 73%, 26%
HSV	76°, 84%, 44%
XYZ	9.9448, 13.8802, 2.7273
YIQ	94.3960, 14.9990, -35.0570

# Conversions

## Conversions Part 2

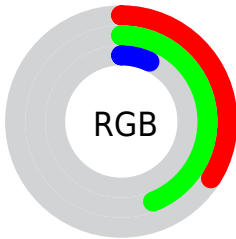
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 113, 44
Decimal	5730578
CIELab	44.06, -23.27, 45.04
CIElCh	44, 50.694, 117.330
Yxy	13.8802, 0.3745, 0.5227
Android (android.graphics.Color)	4283920658 (0xFF577112)
YUV	94.3960, -37.6632, -6.4863
Hunter-Lab	37.2561, -17.5511, 21.7391

# Details

The Hex color **577112** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2C1271**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8CA547**, and **254100** is the 20% darker color. If you saturate the color by 10%, you get **547107**, and if you desaturate by 10%, it is **5A711D**.

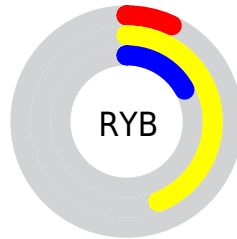
# Distribution



Red (34%)

Green (44%)

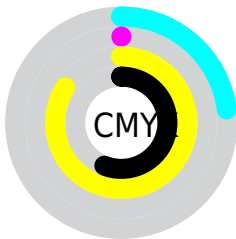
Blue (7%)



Red (7%)

Yellow (44%)

Blue (17%)

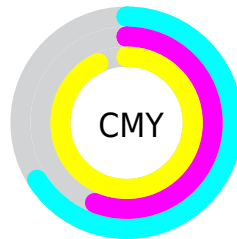


Cyan (23%)

Magenta (0%)

Yellow (84%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 577112 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 577112 by changing the saturation by 10% instead.



 577112

 577112

FFFFFF

 3E5800

 8CA547

 254100

 A7C060

 092B00

 C3DC7A

 001700

 E0F895

 000000

 FDFFB0

 FFFFCC

 FFFF99

 577112

 577112

■ 547107

■ 5A711D

■ 527100

■ 5D7129

■ 607134

■ 63713F

■ 66714B

■ 6A7156

■ 6D7161

■ 70716C

■ 737178

# Harmonies

## Analogous

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



806502



577112



117838

# Triad

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



577112



0078AF



B03E6E

# Complementary

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



577112



2C1271

# 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.



974B96



577112



006EBD

# Square

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



577112



007C8E



605FB3



B24344

# Rectangle

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



577112



007B54



605FB3



AB417C



# Sweetspot

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



577112



8A946F



712B12



444A34



C9C9C9



4A4A4A



# Same Dimension

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



577112



6B9400



287112



373832



577800



B4F700



# Inverse Universe

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



2C1271



280094



5B1271



343238



210078



4400F7



# Previews

## White Background



This preview shows how the Hex color 577112 looks on a white background.

## Color Contrast Check

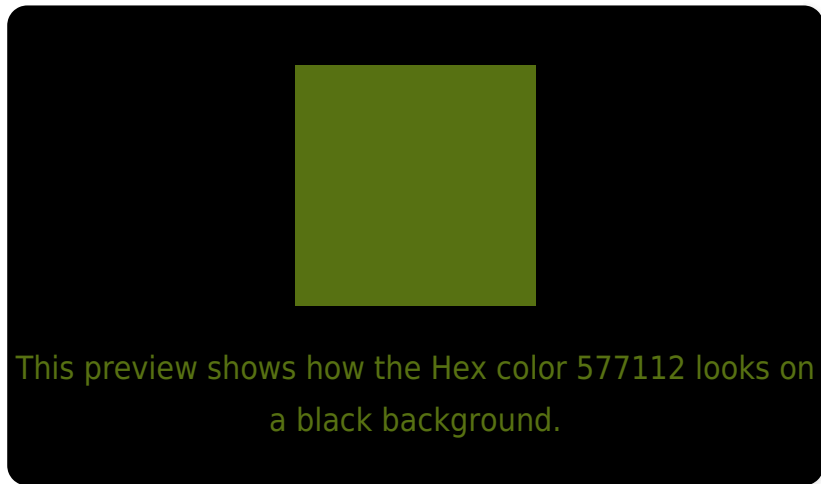
Large Text (above 18pt) WCAG AA ✓ Pass

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

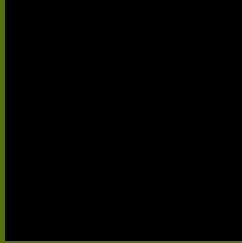
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 577112 Background



This preview shows how black text looks on a background with the Hex color 577112.



This preview shows how white text looks on a background with the Hex color 577112.

# 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**  
577112

**Protanopia**  
75680F

**Deuteranopia**  
83631B



**Tritanopia**  
616972

# Trichromacy



**Original Color**

577112

**Protanomaly**

6A6B10

**Deuteranomaly**

736818

**Tritanomaly**

5D6C4F

# Monochromacy



**Original Color**

577112

**Achromatopsia**

5E5E5E

**Achromatomaly**

5B6542

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 577112 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 #577112 looks like.

```
.text, #text, p{  
    color:#577112  
}
```

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 #577112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577112
}
```

## Border

The CSS property to change the border of an element to Hex 577112 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
#577112 }
```

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

```
.border{ border-color:#577112 }
```

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

Here you see how a box with a 4 pixel #577112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577112; -webkit-box-shadow:4px 4px  
4px 4px #577112; box-shadow:4px 4px 4px  
4px #577112 }
```

# Background

The CSS property to change the background color of an element to Hex 577112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577112 }
```

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

```
.background{ background-color:#577112 }
```

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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