

# Converting Colors

Hex(577010)

Have a look what the booklet for  
Hex(577010) contains.

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**Color**

**Hex(577010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	577010
RGB	87, 112, 16
RGB Percent	34%, 44%, 6%
CMY	0.6588, 0.5608, 0.9373
CMYK	0.22, 0.00, 0.86, 0.56
HSL	76°, 75%, 25%
HSV	76°, 86%, 44%
XYZ	9.8182, 13.6520, 2.6078
YIQ	93.5810, 15.9160, -35.1560

# Conversions

## Conversions Part 2

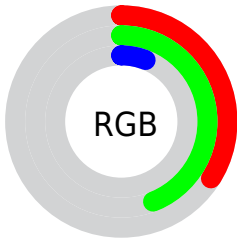
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 112, 41
Decimal	5730320
CIELab	43.73, -22.85, 45.33
CIElCh	44, 50.766, 116.753
Yxy	13.6520, 0.3765, 0.5235
Android (android.graphics.Color)	4283920400 (0xFF577010)
YUV	93.5810, -38.2474, -5.7715
Hunter-Lab	36.9486, -17.2281, 21.6793

# Details

The Hex color **577010** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **291070**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8CA445**, and **254000** is the 20% darker color. If you saturate the color by 10%, you get **547005**, and if you desaturate by 10%, it is **5A701B**.

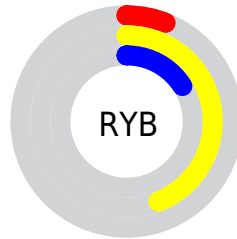
# Distribution



Red (34%)

Green (44%)

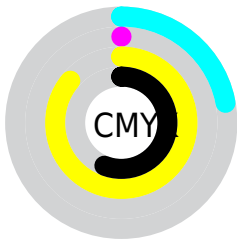
Blue (6%)



Red (6%)

Yellow (44%)

Blue (16%)

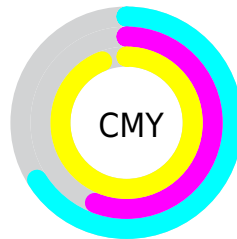


Cyan (22%)

Magenta (0%)

Yellow (86%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 577010 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 577010 by changing the saturation by 10% instead.



 577010

 577010

FFFFFF

 3E5700

 8CA445

 254000

 A7BF5F

 0A2A00

 C3DB79

 001500

 E0F794

 000000

 FDFFAF

 FFFFCB

 FFFFE7

 577010

 577010

■ 547005

■ 5A701B

■ 537000

■ 5D7026

■ 607032

■ 63703D

■ 667048

■ 697053

■ 6B705E

■ 6E706A

■ 717075

# Harmonies

## Analogous

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



806401



577010



127736

# Triad

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



577010



0077AD



AF3D6E

# Complementary

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



577010



291070

# 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.



964B96



577010



006EBC

# Square

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



577010



007B8C



5E5EB3



B14244

# Rectangle

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



577010



007A53



5E5EB3



AA407C



# Sweetspot

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



577010



88916C



702810



444A33



C9C9C9



4A4A4A



# Same Dimension

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



577010



6B9100



287010



373832



597800



B7F700



# Inverse Universe

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



291070



260091



581070



343238



1F0078



4000F7



# Previews

## White Background



This preview shows how the Hex color 577010 looks on a white background.

## Color Contrast Check

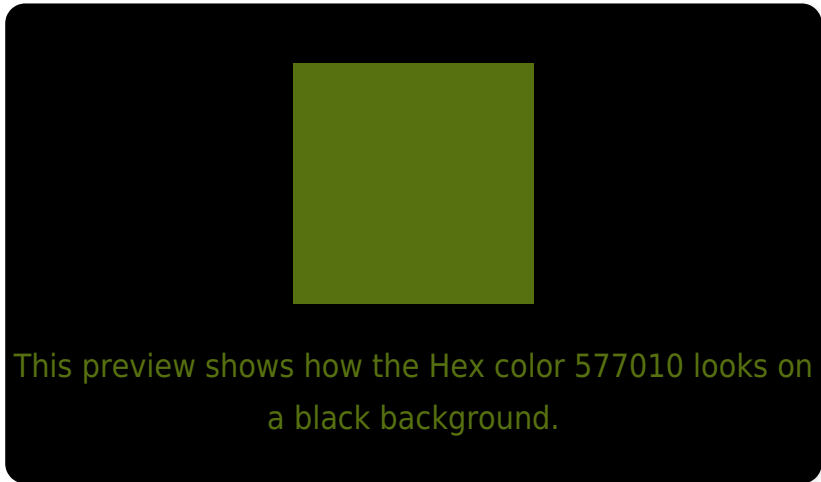
Large Text (above 18pt) WCAG AA ✓ Pass

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 577010 Background



This preview shows how black text looks on a background with the Hex color 577010.



This preview shows how white text looks on a background with the Hex color 577010.

# 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**  
577010

**Protanopia**  
74670D

**Deuteranopia**  
826219



**Tritanopia**  
616870

# Trichromacy



**Original Color**  
577010

**Protanomaly**  
696A0E

**Deuteranomaly**  
726716

**Tritanomaly**  
5D6B4D

# Monochromacy



**Original Color**  
577010

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5B6542

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 577010 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 #577010 looks like.

```
.text, #text, p{  
    color:#577010  
}
```

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 #577010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577010  
}
```

## Border

The CSS property to change the border of an element to Hex 577010 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  
#577010 }
```

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

```
.border{ border-color:#577010 }
```

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

Here you see how a box with a 4 pixel #577010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577010; -webkit-box-shadow:4px 4px  
4px 4px #577010; box-shadow:4px 4px 4px  
4px #577010 }
```

# Background

The CSS property to change the background color of an element to Hex 577010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577010 }
```

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

```
.background{ background-color:#577010 }
```

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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