

Converting Colors

Hex(576B00)

Have a look what the booklet for
Hex(576B00) contains.

Hex(576B00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(576B00)

Conversions

Conversions Part 1

Format	Color
Hex	576B00
RGB	87, 107, 0
RGB Percent	34%, 42%, 0%
CMY	0.6588, 0.5804, 1.0000
CMYK	0.19, 0.00, 1.00, 0.58
HSL	71°, 100%, 21%
HSV	71°, 100%, 42%
XYZ	9.1882, 12.5416, 1.9365
YIQ	88.8220, 22.4270, -37.5170

Conversions

Conversions Part 2

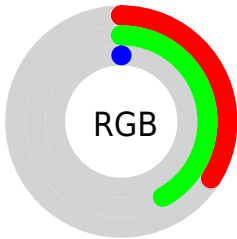
Format	Color
RYB	0, 107, 20
Decimal	5729024
CIELab	42.06, -20.80, 47.91
CIELCh	42, 52.227, 113.473
Yxy	12.5416, 0.3882, 0.5299
Android (android.graphics.Color)	4283919104 (0xFF576B00)
YUV	88.8220, -43.7892, -1.5979
Hunter-Lab	35.4142, -15.6631, 21.5478

Details

The Hex color **576B00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14006B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8C9E3C**, and **253C00** is the 20% darker color. If you saturate the color by 10%, you get **576B00**, and if you desaturate by 10%, it is **596B0B**.

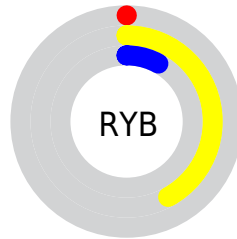
Distribution



Red (34%)

Green (42%)

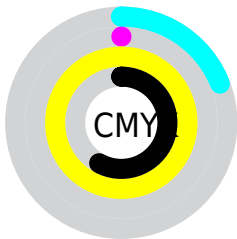
Blue (0%)



Red (0%)

Yellow (42%)

Blue (8%)

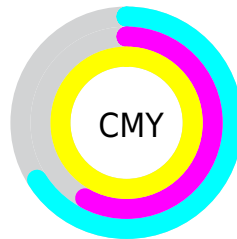


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576B00 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 576B00 by changing the saturation by 10% instead.

 576B00

 576B00

 FFFFFA

 3E5300

 8C9E3C

 253C00

 A8B955

 0A2600

 C4D56F

 000E00

 E0F18A

 000000

 FEFFA5

 FFFFC1

 FFFFDD


 576B00

 596B0B

 5B6B15

 5D6B20

 5F6B2B

 616B36

 636B40

 656B4B

 676B56

 696B60

Harmonies

Analogous

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



7F5E00



576B00



15732C

Triad

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



576B00



0074A8



AB376F

Complementary

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



576B00



14006B

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.



8E4897



576B00



006BB9

Square

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



576B00



007784



4F5CB3



AF3A44

Rectangle

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



576B00



007649



4F5CB3



A43B7D

Sweetspot

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



576B00



848C62



6B1400



43472E



C7C7C7



474747

Same Dimension

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



576B00



728C00



226B00



353630



5F7500



C7F500

Inverse Universe

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



14006B



1A008C



49006B



313036



160075



2E00F5

Previews

White Background



This preview shows how the Hex color 576B00 looks on a white background.

Color Contrast Check

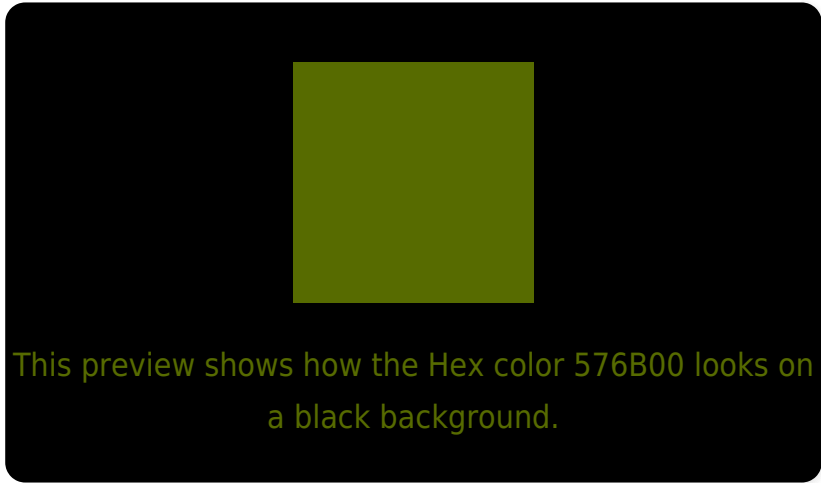
Large Text (above 18pt) WCAG AA ✓ Pass

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

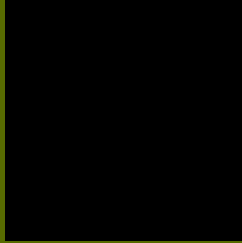
Any Text WCAG AA × Fail

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 576B00 Background



This preview shows how black text looks on a background with the Hex color 576B00.



This preview shows how white text looks on a background with the Hex color 576B00.

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
576B00

Protanopia
706300

Deuteranopia
7D5E13



Tritanopia
60636B

Trichromacy



Original Color
576B00

Protanomaly
676600

Deuteranomaly
6F630C

Tritanomaly
5D6644

Monochromacy



Original Color
576B00

Achromatopsia
595959

Achromatomaly
586039

CSS Examples

Text

The CSS property to change the color of the text to Hex 576B00 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 #576B00 looks like.

```
.text, #text, p{  
    color:#576B00  
}
```

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 #576B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576B00
}
```

Border

The CSS property to change the border of an element to Hex 576B00 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
#576B00 }
```

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

```
.border{ border-color:#576B00 }
```

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

Here you see how a box with a 4 pixel #576B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576B00; -webkit-box-shadow:4px 4px  
4px 4px #576B00; box-shadow:4px 4px 4px  
4px #576B00 }
```

Background

The CSS property to change the background color of an element to Hex 576B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576B00 }
```

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

```
.background{ background-color:#576B00 }
```

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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