

Converting Colors

Hex(456C0B)

Have a look what the booklet for
Hex(456C0B) contains.

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Color

Hex(456C0B)

Conversions

Conversions Part 1

Format	Color
Hex	456C0B
RGB	69, 108, 11
RGB Percent	27%, 42%, 4%
CMY	0.7294, 0.5765, 0.9569
CMYK	0.36, 0.00, 0.90, 0.58
HSL	84°, 82%, 23%
HSV	84°, 90%, 42%
XYZ	7.8772, 12.0145, 2.2205
YIQ	85.2810, 7.8930, -38.4350

Conversions

Conversions Part 2

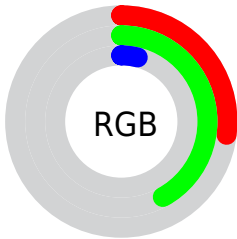
Format	Color
RYB	11, 108, 50
Decimal	4549643
CIELab	41.24, -28.72, 44.05
CIELCh	41, 52.585, 123.110
Yxy	12.0145, 0.3562, 0.5433
Android (android.graphics.Color)	4282739723 (0xFF456C0B)
YUV	85.2810, -36.6205, -14.2784
Hunter-Lab	34.6619, -20.0928, 20.4652

Details

The Hex color **456C0B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **320B6C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **79A041**, and **113C00** is the 20% darker color. If you saturate the color by 10%, you get **416C00**, and if you desaturate by 10%, it is **496C16**.

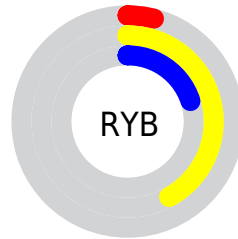
Distribution



Red (27%)

Green (42%)

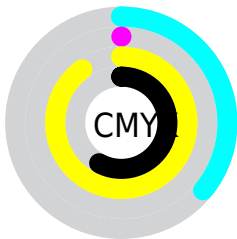
Blue (4%)



Red (4%)

Yellow (42%)

Blue (20%)

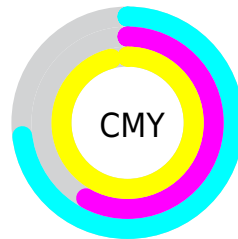


Cyan (36%)

Magenta (0%)

Yellow (90%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456C0B 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 456C0B by changing the saturation by 10% instead.



456C0B



456C0B

FFFFFF



2B5300



79A041



113C00



94BB5B



002600



B0D775



000800



CCF38F



000000



E9FFAA



FFFFC6



FFFFE3



456C0B



456C0B

■ 416C00

■ 496C16

■ 4E6C21

■ 526C2B

■ 566C36

■ 5B6C41

■ 5F6C4C

■ 636C57

■ 686C61

■ 6C6C6C

Harmonies

Analogous

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



716100



456C0B



007238

Triad

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



456C0B



0070AE



AD335F

Complementary

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



456C0B



320B6C

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.



983F89



456C0B



0065B8

Square

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



456C0B



00748F



6654AA



A93D35

Rectangle

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



456C0B



007456



6654AA



A9356D

Sweetspot

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



456C0B



7D8C66



6C320B



3E4731



C7C7C7



474747

Same Dimension

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



456C0B



548C00



156C0B



333630



467500



92F500

Inverse Universe

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



320B6C



38008C



620B6C



323036



2F0075



6200F5

Previews

White Background



This preview shows how the Hex color 456C0B looks on a white background.

Color Contrast Check

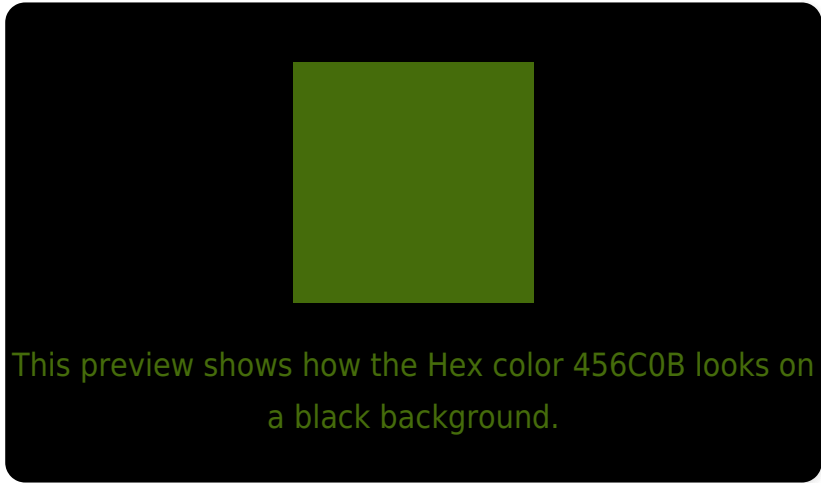
Large Text (above 18pt) WCAG AA ✓ Pass

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

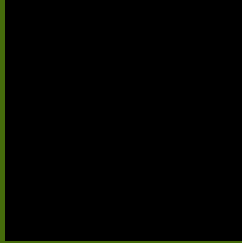
Any Text WCAG AA × Fail

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 456C0B Background



This preview shows how black text looks on a background with the Hex color 456C0B.



This preview shows how white text looks on a background with the Hex color 456C0B.

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](#).

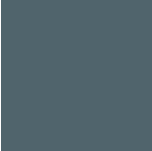
Dichromacy



Original Color
456C0B

Protanopia
6D6106

Deuteranopia
7A5C17



Tritanopia
50646C

Trichromacy



Original Color
456C0B

Protanomaly
5E6508

Deuteranomaly
676213

Tritanomaly
4C6749

Monochromacy



Original Color
456C0B

Achromatopsia
555555

Achromatomaly
4F5D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 456C0B 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 #456C0B looks like.

```
.text, #text, p{  
    color:#456C0B  
}
```

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 #456C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456C0B
}
```

Border

The CSS property to change the border of an element to Hex 456C0B 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".

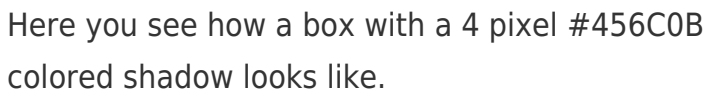
```
.border, #border, table{ border:4px solid
#456C0B }
```

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

```
.border{ border-color:#456C0B }
```

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

Here you see how a box with a 4 pixel #456C0B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456C0B; -webkit-box-shadow:4px 4px  
4px 4px #456C0B; box-shadow:4px 4px 4px  
4px #456C0B }
```

Background

The CSS property to change the background color of an element to Hex 456C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456C0B }
```

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

```
.background{ background-color:#456C0B }
```

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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