

Converting Colors

Hex(456B1C)

Have a look what the booklet for
Hex(456B1C) contains.

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Color

Hex(456B1C)

Conversions

Conversions Part 1

Format	Color
Hex	456B1C
RGB	69, 107, 28
RGB Percent	27%, 42%, 11%
CMY	0.7294, 0.5804, 0.8902
CMYK	0.36, 0.00, 0.74, 0.58
HSL	89°, 59%, 26%
HSV	89°, 74%, 42%
XYZ	7.9215, 11.8644, 2.9712
YIQ	86.6320, 2.7110, -32.6250

Conversions

Conversions Part 2

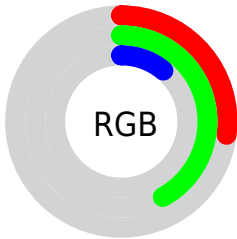
Format	Color
R_{YB}	28, 107, 66
Decimal	4549404
CIE _{Lab}	41.00, -27.29, 38.06
CIE _{LCh}	41, 46.833, 125.634
Yxy	11.8644, 0.3481, 0.5214
Android (android.graphics.Color)	4282739484 (0xFF456B1C)
YUV	86.6320, -28.9056, -15.4633
Hunter-Lab	34.4448, -19.2273, 18.9971

Details

The Hex color **456B1C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **421C6B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **789F4D**, and **143B00** is the 20% darker color. If you saturate the color by 10%, you get **406B11**, and if you desaturate by 10%, it is **4A6B27**.

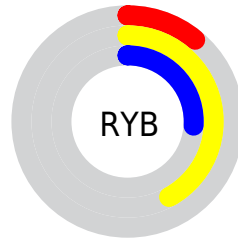
Distribution



Red (27%)

Green (42%)

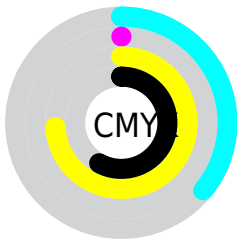
Blue (11%)



Red (11%)

Yellow (42%)

Blue (26%)

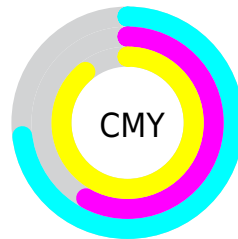


Cyan (36%)

Magenta (0%)

Yellow (74%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456B1C 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 456B1C by changing the saturation by 10% instead.



456B1C



456B1C

FFFFFF



2C5300



789F4D



143B00



93BA66



002500



AED680



000700



CAF29B



000000



E7FFB6



FFFFD2



FFFFEE



456B1C



456B1C

■ 406B11

■ 4A6B27

■ 3B6B07

■ 4F6B31

■ 386B00

■ 546B3C

■ 5A6B47

■ 5F6B52

■ 646B5C

■ 696B67

■ 6E6B72

■ 736B7C

Harmonies

Analogous

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



6D6105



456B1C



00713F

Triad

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



456B1C



006DA6



A53B5B

Complementary

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



456B1C



421C6B

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.



944281



456B1C



0063AD

Square

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



456B1C



00728D



6B539F



A14336

Rectangle

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



456B1C



00725A



6B539F



A23B68

Sweetspot

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



456B1C



7D8C6D



6B411C



3E4735



C7C7C7



474747

Same Dimension

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



456B1C



508C0F



1F6B1C



333630



3D7500



7FF500

Inverse Universe

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



421C6B



4B0F8C



681C6B



333036



380075



7600F5

Previews

White Background



This preview shows how the Hex color 456B1C looks on a white background.

Color Contrast Check

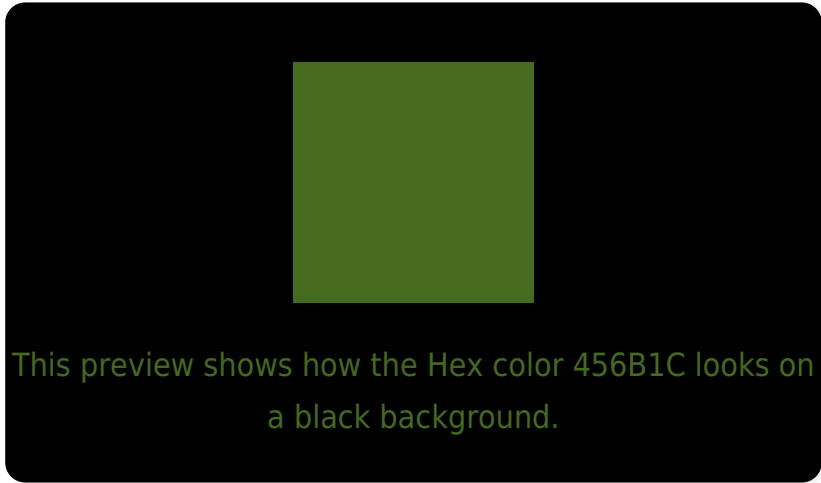
Large Text (above 18pt) WCAG AA ✓ Pass

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

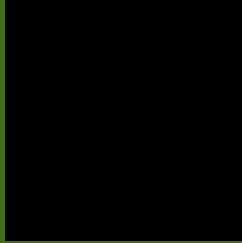
Any Text WCAG AA × Fail

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 456B1C Background



This preview shows how black text looks on a background with the Hex color 456B1C.



This preview shows how white text looks on a background with the Hex color 456B1C.

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](#).

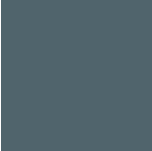
Dichromacy



Original Color
456B1C

Protanopia
6C6119

Deuteranopia
785C22



Tritanopia
50646C

Trichromacy



Original Color
456B1C

Protanomaly
5E651A

Deuteranomaly
656120

Tritanomaly
4C674F

Monochromacy



Original Color
456B1C

Achromatopsia
575757

Achromatomaly
505E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 456B1C 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 #456B1C looks like.

```
.text, #text, p{  
    color:#456B1C  
}
```

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 #456B1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456B1C
}
```

Border

The CSS property to change the border of an element to Hex 456B1C 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".

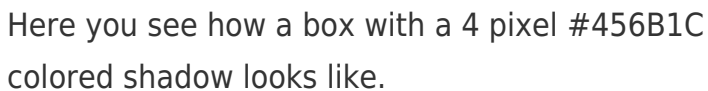
```
.border, #border, table{ border:4px solid
#456B1C }
```

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

```
.border{ border-color:#456B1C }
```

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

Here you see how a box with a 4 pixel #456B1C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456B1C; -webkit-box-shadow:4px 4px  
4px 4px #456B1C; box-shadow:4px 4px 4px  
4px #456B1C }
```

Background

The CSS property to change the background color of an element to Hex 456B1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456B1C }
```

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

```
.background{ background-color:#456B1C }
```

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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