

Converting Colors

Hex(4A6C06)

Have a look what the booklet for
Hex(4A6C06) contains.

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Color

Hex(4A6C06)

Conversions

Conversions Part 1

Format	Color
Hex	4A6C06
RGB	74, 108, 6
RGB Percent	29%, 42%, 2%
CMY	0.7098, 0.5765, 0.9765
CMYK	0.31, 0.00, 0.94, 0.58
HSL	80°, 89%, 22%
HSV	80°, 94%, 42%
XYZ	8.2195, 12.1941, 2.0928
YIQ	86.2060, 12.4780, -38.9300

Conversions

Conversions Part 2

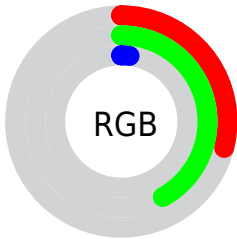
Format	Color
RYB	6, 108, 40
Decimal	4877318
CIELab	41.52, -26.84, 45.60
CIELCh	42, 52.914, 120.475
Yxy	12.1941, 0.3652, 0.5418
Android (android.graphics.Color)	4283067398 (0xFF4A6C06)
YUV	86.2060, -39.5416, -10.7047
Hunter-Lab	34.9201, -19.0949, 20.8908

Details

The Hex color **4A6C06** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **28066C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7EA03F**, and **173C00** is the 20% darker color. If you saturate the color by 10%, you get **486C00**, and if you desaturate by 10%, it is **4E6C11**.

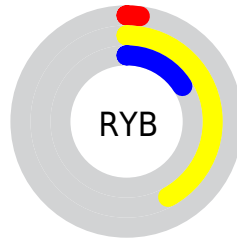
Distribution



Red (29%)

Green (42%)

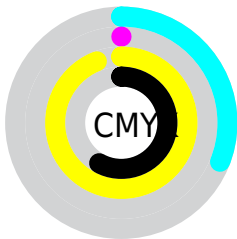
Blue (2%)



Red (2%)

Yellow (42%)

Blue (16%)

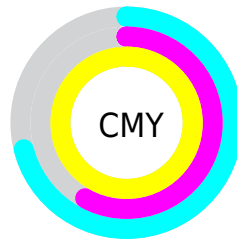


Cyan (31%)

Magenta (0%)

Yellow (94%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6C06 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 4A6C06 by changing the saturation by 10% instead.



4A6C06



4A6C06

FFFFFFD



315400



7EA03F



173C00



99BB58



002600



B5D772



000A00



D2F38D



000000



EFFFA8



FFFFC4



FFFFE0



4A6C06



4A6C06

■ 486C00

■ 4E6C11

■ 516C1C

■ 556C26

■ 586C31

■ 5C6C3C

■ 606C47

■ 636C52

■ 676C5C

■ 6A6C67

Harmonies

Analogous

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



756000



4A6C06



007334

Triad

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



4A6C06



0071AD



AD3363

Complementary

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



4A6C06



28066C

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.



96418E



4A6C06



0067B9

Square

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



4A6C06



00758D



6056AD



AC3C39

Rectangle

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



4A6C06



007552



6056AD



A83672

Sweetspot

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



4A6C06



7F8C65



6C2806



3F472F



C7C7C7



474747

Same Dimension

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



4A6C06



5E8C00



176C06



343630



4E7500



A3F500

Inverse Universe

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



28066C



2F008C



5B066C



323036



270075



5200F5

Previews

White Background



This preview shows how the Hex color 4A6C06 looks on a white background.

Color Contrast Check

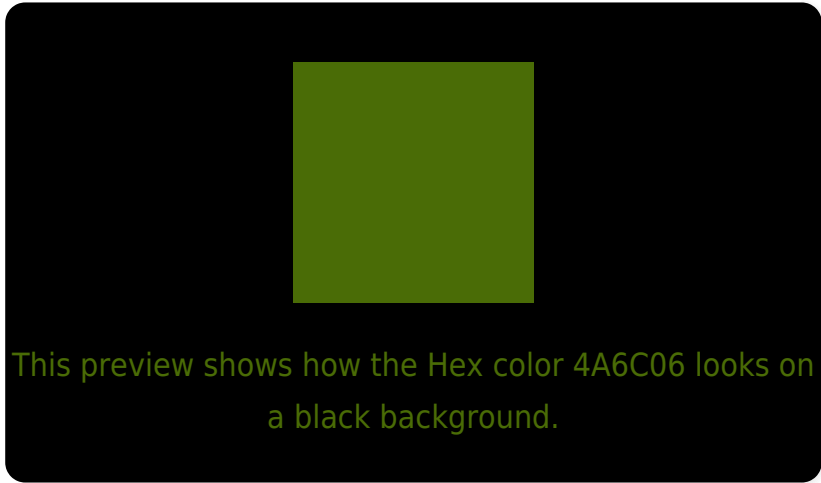
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A6C06 Background



This preview shows how black text looks on a background with the Hex color 4A6C06.



This preview shows how white text looks on a background with the Hex color 4A6C06.

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](#).

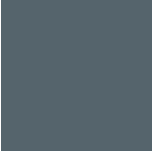
Dichromacy



Original Color
4A6C06

Protanopia
6E6200

Deuteranopia
7B5D15



Tritanopia
55646C

Trichromacy



Original Color
4A6C06

Protanomaly
616602

Deuteranomaly
696210

Tritanomaly
516747

Monochromacy



Original Color
4A6C06

Achromatopsia
565656

Achromatomaly
525E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6C06 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 #4A6C06 looks like.

```
.text, #text, p{  
    color:#4A6C06  
}
```

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 #4A6C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6C06
}
```

Border

The CSS property to change the border of an element to Hex 4A6C06 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
#4A6C06 }
```

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

```
.border{ border-color:#4A6C06 }
```

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

Here you see how a box with a 4 pixel #4A6C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6C06; -webkit-box-shadow:4px 4px  
4px 4px #4A6C06; box-shadow:4px 4px 4px  
4px #4A6C06 }
```

Background

The CSS property to change the background color of an element to Hex 4A6C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6C06 }
```

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

```
.background{ background-color:#4A6C06 }
```

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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