

Converting Colors

Hex(46A04A)

Have a look what the booklet for
Hex(46A04A) contains.

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Color

Hex(46A04A)

Conversions

Conversions Part 1

Format	Color
Hex	46A04A
RGB	70, 160, 74
RGB Percent	27%, 63%, 29%
CMY	0.7255, 0.3725, 0.7098
CMYK	0.56, 0.00, 0.54, 0.37
HSL	123°, 39%, 45%
HSV	123°, 56%, 63%
XYZ	16.3326, 26.9381, 10.8173
YIQ	123.2860, -26.0340, -45.8260

Conversions

Conversions Part 2

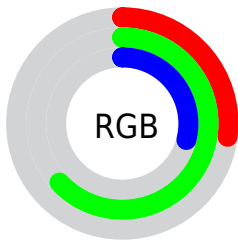
Format	Color
RYB	70, 156, 160
Decimal	4628554
CIELab	58.92, -44.94, 36.54
CIElCh	59, 57.920, 140.888
Yxy	26.9381, 0.3020, 0.4980
Android (android.graphics.Color)	4282818634 (0xFF46A04A)
YUV	123.2860, -24.2980, -46.7318
Hunter-Lab	51.9019, -34.6576, 23.9742

Details

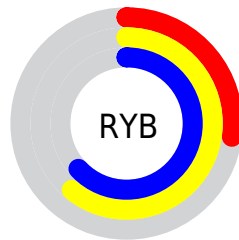
The Hex color **46A04A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A0469C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7ED87D**, and **006B19** is the 20% darker color. If you saturate the color by 10%, you get **36A03B**, and if you desaturate by 10%, it is **56A059**.

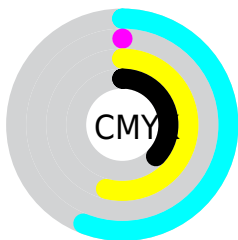
Distribution



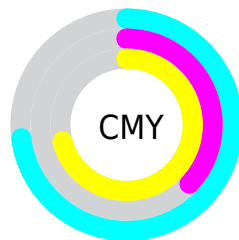
- Red (27%)
- Green (63%)
- Blue (29%)



- Red (27%)
- Yellow (61%)
- Blue (63%)



- Cyan (56%)
- Magenta (0%)
- Yellow (54%)
- Black (37%)



- Cyan (73%)
- Magenta (37%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A04A 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 46A04A by changing the saturation by 10% instead.



46A04A



46A04A

FFFFFF



288532



7ED87D



006B19



9AF497



005200



B6FFB2



003A00



D3FFCE



002500



F1FFEB



000000



46A04A



46A04A



36A03B



56A059



26A02B



66A069

■ 16A01C

■ 76A078

■ 06A00D

■ 86A087

■ 00A007

■ 96A096

■ A6A0A6

■ B6A0B5

■ C6A0C4

■ D6A0D4

Harmonies

Analogous

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



869624



46A04A



00A57C

Triad

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



46A04A



0098F2



EA606D

Complementary

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



46A04A



A0469C

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.



E25FA0



46A04A



7287ED

Square

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



46A04A



00A2DC



BC71CF



D87140

Rectangle

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



46A04A



00A69F



BC71CF



EA5E7D

Sweetspot

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



46A04A



AED1AF



9DA046



546955



E8E8E8



696969

Same Dimension

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



46A04A



43D149



46A076



474F47



008F06



000F01

Inverse Universe

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



A0469C



D143CB



A04670



4F474F



8F0088



0F000F

Previews

White Background



This preview shows how the Hex color 46A04A looks on a white background.

Color Contrast Check

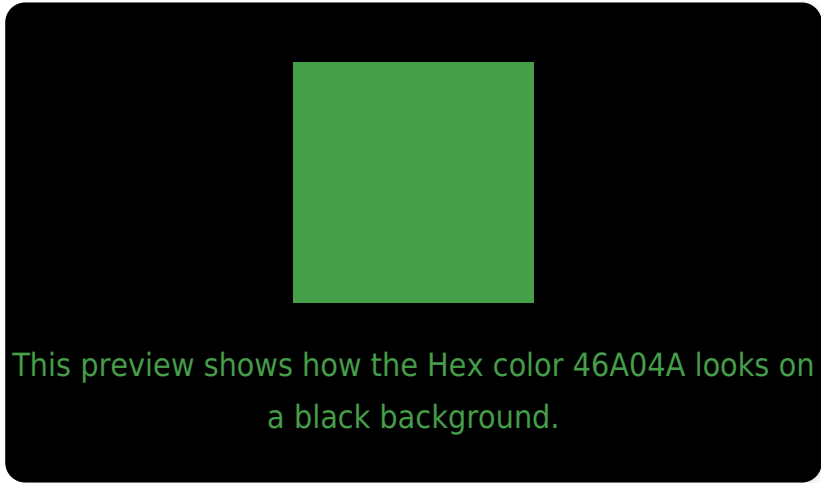
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 46A04A Background



This preview shows how black text looks on a background with the Hex color 46A04A.



This preview shows how white text looks on a background with the Hex color 46A04A.

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](#).

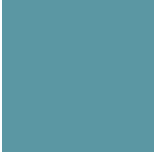
Dichromacy



Original Color
46A04A

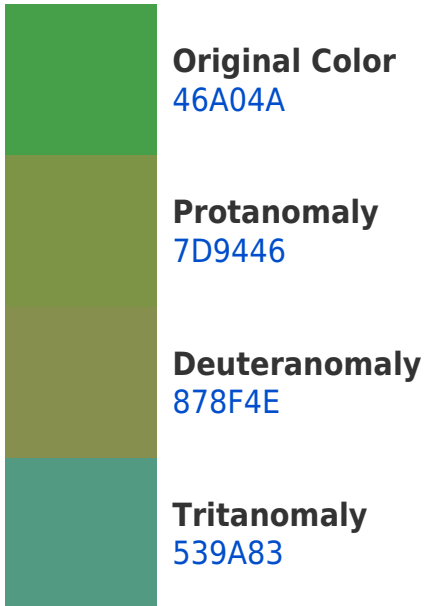
Protanopia
9C8D44

Deuteranopia
AC8651

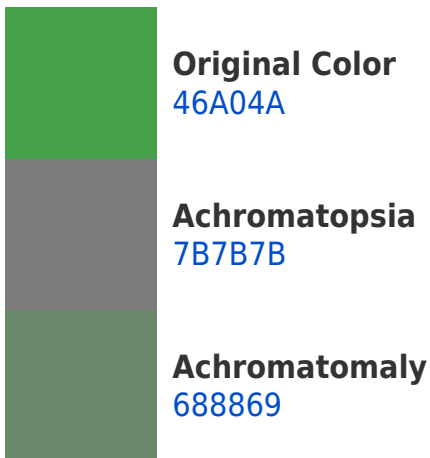


Tritanopia
5B97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A04A 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 #46A04A looks like.

```
.text, #text, p{  
    color:#46A04A  
}
```

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 #46A04A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A04A
}
```

Border

The CSS property to change the border of an element to Hex 46A04A 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
#46A04A }
```

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

```
.border{ border-color:#46A04A }
```

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

Here you see how a box with a 4 pixel #46A04A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A04A; -webkit-box-shadow:4px 4px  
4px 4px #46A04A; box-shadow:4px 4px 4px  
4px #46A04A }
```

Background

The CSS property to change the background color of an element to Hex 46A04A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A04A }
```

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

```
.background{ background-color:#46A04A }
```

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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