

Converting Colors

Hex(46AE4C)

Have a look what the booklet for
Hex(46AE4C) contains.

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Color

Hex(46AE4C)

Conversions

Conversions Part 1

Format	Color
Hex	46AE4C
RGB	70, 174, 76
RGB Percent	27%, 68%, 30%
CMY	0.7255, 0.3176, 0.7020
CMYK	0.60, 0.00, 0.56, 0.32
HSL	123°, 43%, 48%
HSV	123°, 60%, 68%
XYZ	18.9663, 32.0960, 12.0330
YIQ	131.7320, -30.5260, -52.5260

Conversions

Conversions Part 2

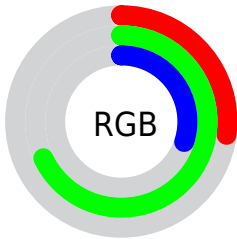
Format	Color
RYB	70, 168, 174
Decimal	4632140
CIELab	63.42, -50.16, 40.96
CIELCh	63, 64.755, 140.765
Yxy	32.0960, 0.3006, 0.5087
Android (android.graphics.Color)	4282822220 (0xFF46AE4C)
YUV	131.7320, -27.4759, -54.1390
Hunter-Lab	56.6533, -39.3853, 27.0643

Details

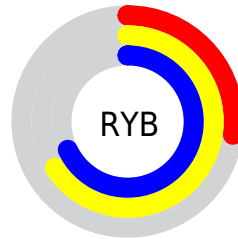
The Hex color **46AE4C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AE46A8**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **80E67F**, and **007819** is the 20% darker color. If you saturate the color by 10%, you get **35AE3C**, and if you desaturate by 10%, it is **57AE5C**.

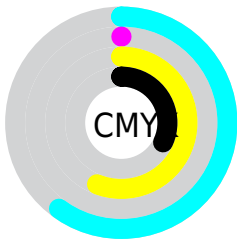
Distribution



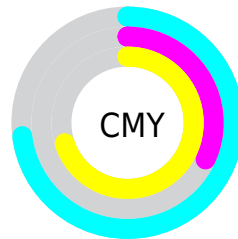
- Red (27%)
- Green (68%)
- Blue (30%)



- Red (27%)
- Yellow (66%)
- Blue (68%)



- Cyan (60%)
- Magenta (0%)
- Yellow (56%)
- Black (32%)



- Cyan (73%)
- Magenta (32%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46AE4C 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 46AE4C by changing the saturation by 10% instead.

 46AE4C

 46AE4C


FFFFFF

 259333

 80E67F

 007819

 9DFF9A

 005F00

 BAFFB6

 004600

 D7FFD2

 002F00

 F5FFEE

 001400

 000000

 46AE4C

 46AE4C

 35AE3C

 57AE5C

 23AE2B

 69AE6D

 12AE1B

 7AAE7D

 00AE0A

 8CAE8E

 9DAE9E

 AEAEAE

 C0AEBF

 D1AECF

 E3AEEO

Harmonies

Analogous

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



90A31D



46AE4C



00B485

Triad

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



46AE4C



00A5FF



FF6474

Complementary

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



46AE4C



AE46A8

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.



F864AE



46AE4C



7792FF

Square

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



46AE4C



00B1F2



CE78E3



ED7941

Rectangle

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



46AE4C



00B5AD



CE78E3



FF6187

Sweetspot

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



46AE4C



BAE3BC



A9AE46



5A735B



F2F2F2



737373

Same Dimension

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



46AE4C



40E349



46AE7F



4E574F



009609



001701

Inverse Universe

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



AE46A8



E340DA



AE4675



574E56



96008E



170016

Previews

White Background



This preview shows how the Hex color 46AE4C looks on a white background.

Color Contrast Check

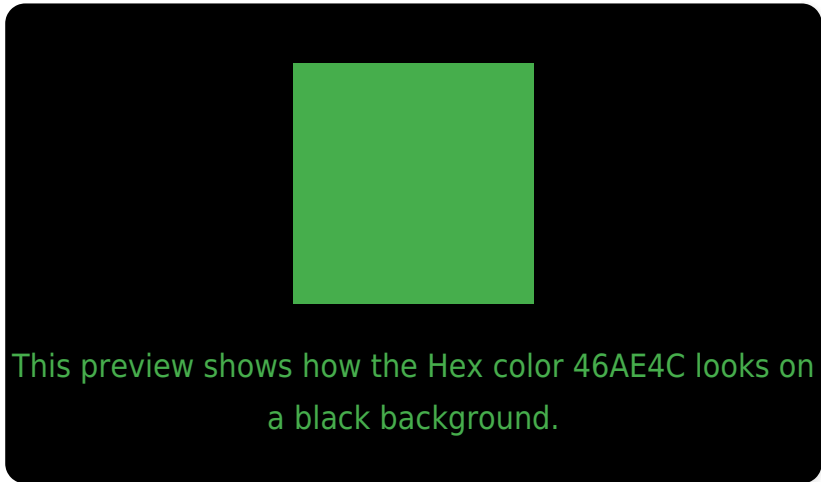
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 46AE4C Background



This preview shows how black text looks on a background with the Hex color 46AE4C.

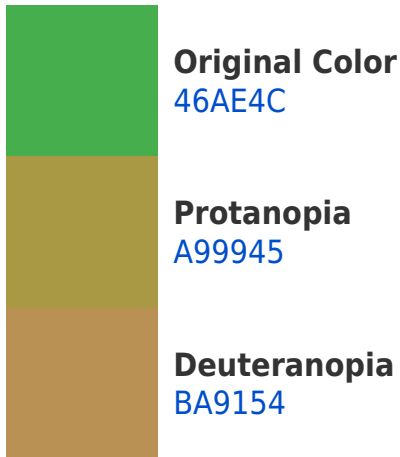


This preview shows how white text looks on a background with the Hex color 46AE4C.

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](#).

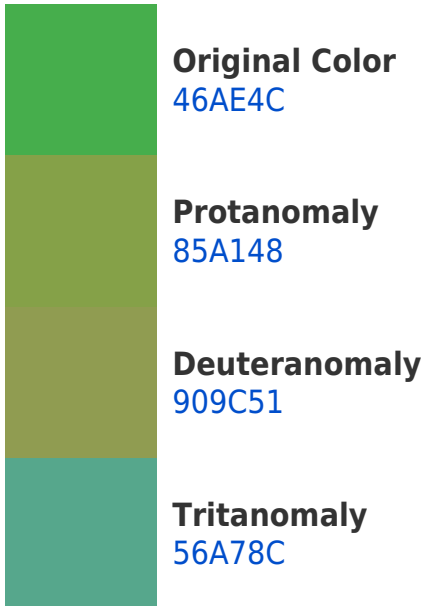
Dichromacy





Tritanopia
5FA3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46AE4C 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 #46AE4C looks like.

```
.text, #text, p{  
    color:#46AE4C  
}
```

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 #46AE4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46AE4C
}
```

Border

The CSS property to change the border of an element to Hex 46AE4C 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
#46AE4C }
```

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

```
.border{ border-color:#46AE4C }
```

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

Here you see how a box with a 4 pixel #46AE4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46AE4C; -webkit-box-shadow:4px 4px  
4px 4px #46AE4C; box-shadow:4px 4px 4px  
4px #46AE4C }
```

Background

The CSS property to change the background color of an element to Hex 46AE4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46AE4C }
```

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

```
.background{ background-color:#46AE4C }
```

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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