

Converting Colors

Hex(46A46C)

Have a look what the booklet for
Hex(46A46C) contains.

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Color

Hex(46A46C)

Conversions

Conversions Part 1

Format	Color
Hex	46A46C
RGB	70, 164, 108
RGB Percent	27%, 64%, 42%
CMY	0.7255, 0.3569, 0.5765
CMYK	0.57, 0.00, 0.34, 0.36
HSL	144°, 40%, 46%
HSV	144°, 57%, 64%
XYZ	18.5080, 28.9357, 18.7970
YIQ	129.5100, -38.0480, -37.3440

Conversions

Conversions Part 2

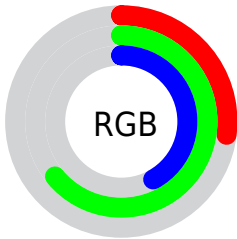
Format	Color
RYB	70, 137, 164
Decimal	4629612
CIELab	60.72, -40.90, 20.92
CIElCh	61, 45.943, 152.910
Yxy	28.9357, 0.2794, 0.4368
Android (android.graphics.Color)	4282819692 (0xFF46A46C)
YUV	129.5100, -10.6044, -52.1903
Hunter-Lab	53.7919, -32.7199, 16.9361

Details

The Hex color **46A46C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A4467E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7EDCA0**, and **006F3C** is the 20% darker color. If you saturate the color by 10%, you get **36A462**, and if you desaturate by 10%, it is **56A476**.

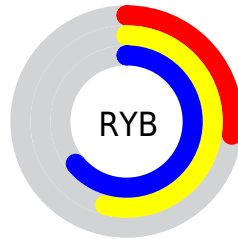
Distribution



Red (27%)

Green (64%)

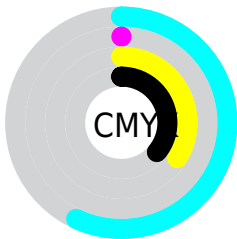
Blue (42%)



Red (27%)

Yellow (54%)

Blue (64%)

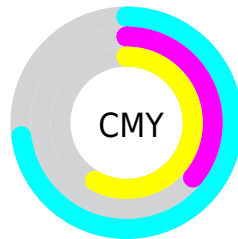


Cyan (57%)

Magenta (0%)

Yellow (34%)

Black (36%)



Cyan (73%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A46C 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 46A46C by changing the saturation by 10% instead.



46A46C



46A46C

FFFFFF



288953



7EDCA0



006F3C



9AF8BB



005625



B6FFD7



003E10



D3FFF3



002800



F0FFFF



000500



000000



46A46C



46A46C



36A462



56A476

 25A458

 67A480

 15A44F

 77A489

 04A445

 88A493

 00A442

 98A49D

 A8A4A7

 B9A4B0

 C9A4BA

 DAA4C4

Harmonies

Analogous

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



7D9D4C



46A46C



00A795

Triad

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



46A46C



5195E3



DC7569

Complementary

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



46A46C



A4467E

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.



DD7090



46A46C



9A86D7

Square

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



46A46C



00A0DA



C877B8



C8834A

Rectangle

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



46A46C



00A7B1



C877B8



DE7275

Sweetspot

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



46A46C



B2D6C1



7EA446



566B5E



EBEBEB



6B6B6B

Same Dimension

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



46A46C



42D67E



46A49B



49524D



00913B



001207

Inverse Universe

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



A4467E



D6429A



A4464F



52494E



910057



12000B

Previews

White Background



This preview shows how the Hex color 46A46C looks on a white background.

Color Contrast Check

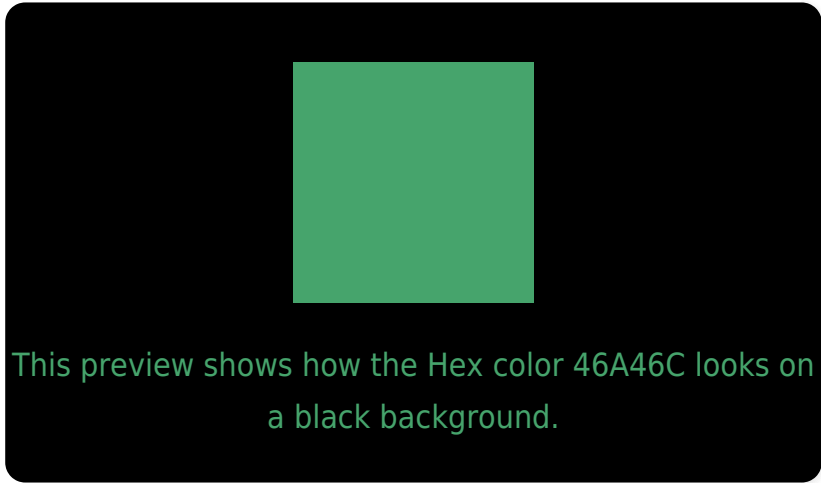
Large Text (above 18pt) WCAG AA ✓ Pass

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 46A46C Background



This preview shows how black text looks on a background with the Hex color 46A46C.

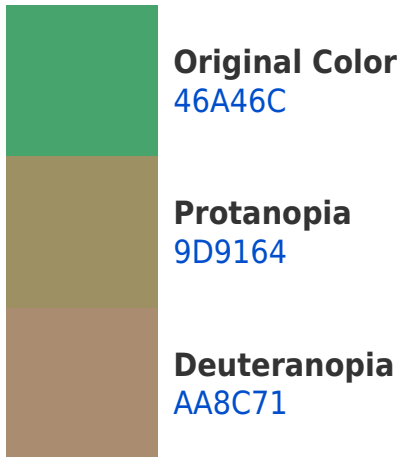


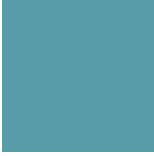
This preview shows how white text looks on a background with the Hex color 46A46C.

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
589CA9

Trichromacy



Original Color
46A46C



Protanomaly
7D9867



Deuteranomaly
86956F



Tritanomaly
519F93

Monochromacy



Original Color
46A46C



Achromatopsia
828282



Achromatomaly
6C8E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 46A46C 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 #46A46C looks like.

```
.text, #text, p{  
    color:#46A46C  
}
```

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 #46A46C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A46C
}
```

Border

The CSS property to change the border of an element to Hex 46A46C 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
#46A46C }
```

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

```
.border{ border-color:#46A46C }
```

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

Here you see how a box with a 4 pixel #46A46C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A46C; -webkit-box-shadow:4px 4px  
4px 4px #46A46C; box-shadow:4px 4px 4px  
4px #46A46C }
```

Background

The CSS property to change the background color of an element to Hex 46A46C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A46C }
```

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

```
.background{ background-color:#46A46C }
```

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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