

Converting Colors

Hex(46A46B)

Have a look what the booklet for
Hex(46A46B) contains.

Hex(46A46B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46A46B)

Conversions

Conversions Part 1

Format	Color
Hex	46A46B
RGB	70, 164, 107
RGB Percent	27%, 64%, 42%
CMY	0.7255, 0.3569, 0.5804
CMYK	0.57, 0.00, 0.35, 0.36
HSL	144°, 40%, 46%
HSV	144°, 57%, 64%
XYZ	18.4551, 28.9145, 18.5183
YIQ	129.3960, -37.7270, -37.6550

Conversions

Conversions Part 2

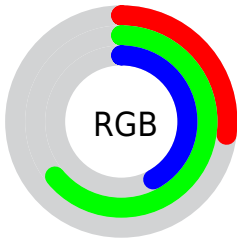
Format	Color
RYB	70, 137, 164
Decimal	4629611
CIELab	60.71, -41.10, 21.44
CIELCh	61, 46.356, 152.447
Yxy	28.9145, 0.2801, 0.4388
Android (android.graphics.Color)	4282819691 (0xFF46A46B)
YUV	129.3960, -11.0412, -52.0903
Hunter-Lab	53.7722, -32.8387, 17.2220

Details

The Hex color **46A46B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A4467F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7EDC9F**, and **006F3B** is the 20% darker color. If you saturate the color by 10%, you get **36A461**, and if you desaturate by 10%, it is **56A475**.

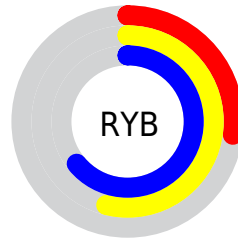
Distribution



Red (27%)

Green (64%)

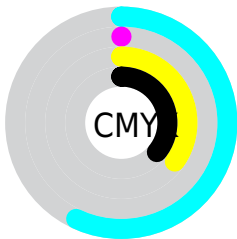
Blue (42%)



Red (27%)

Yellow (54%)

Blue (64%)

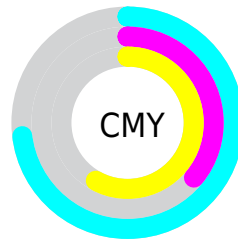


Cyan (57%)

Magenta (0%)

Yellow (35%)

Black (36%)



Cyan (73%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A46B 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 46A46B by changing the saturation by 10% instead.



46A46B



46A46B

FFFFFF



288952



7EDC9F



006F3B



9AF9BA



005625



B6FFD6



003E0F



D3FFF2



002900



F0FFFF



000500



000000



46A46B



46A46B



36A461



56A475

 25A457

 67A47F

 15A44D

 77A489

 04A443

 88A493

 00A441

 98A49D

 A8A4A7

 B9A4B1

 C9A4BB

 DAA4C5

Harmonies

Analogous

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



7D9D4A



46A46B



00A795

Triad

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



46A46B



4E96E4



DC7569

Complementary

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



46A46B



A4467F

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.



DD6F91



46A46B



9A86D8

Square

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



46A46B



00A1DA



C877B9



C8834A

Rectangle

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



46A46B



00A7B0



C877B9



DF7275

Sweetspot

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



46A46B



B2D6C0



80A446



566B5E



EBEBEB



6B6B6B

Same Dimension

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



46A46B



42D67D



46A499



49524D



009139



001207

Inverse Universe

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



A4467F



D6429C



A44651



52494E



910058



12000B

Previews

White Background



This preview shows how the Hex color 46A46B looks on a white background.

Color Contrast Check

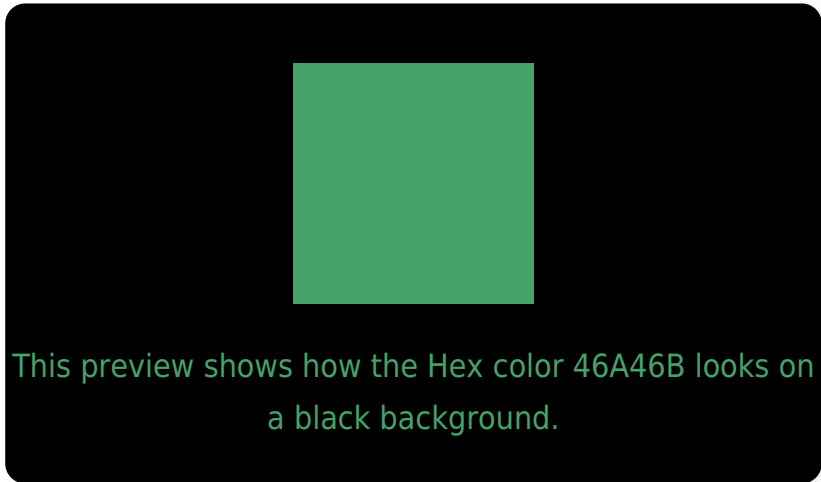
Large Text (above 18pt) WCAG AA ✓ Pass

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

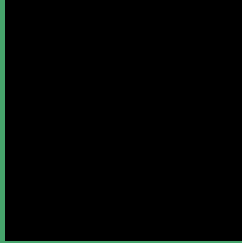
Any Text WCAG AA ✓ Pass

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 46A46B Background



This preview shows how black text looks on a background with the Hex color 46A46B.

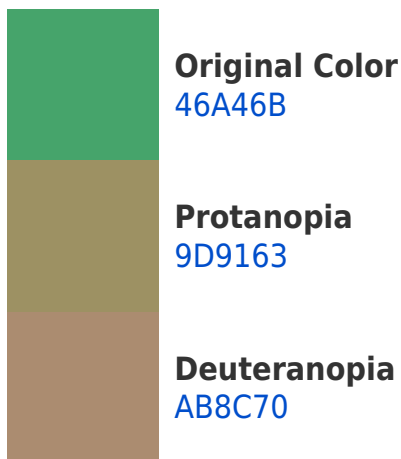


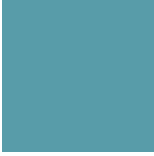
This preview shows how white text looks on a background with the Hex color 46A46B.

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



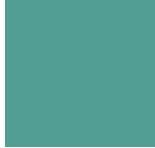
Original Color
46A46B



Protanomaly
7D9866



Deuteranomaly
86956E



Tritanomaly
519F92

Monochromacy



Original Color
46A46B



Achromatopsia
818181



Achromatomaly
6C8E79

CSS Examples

Text

The CSS property to change the color of the text to Hex 46A46B 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 #46A46B looks like.

```
.text, #text, p{  
    color:#46A46B  
}
```

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 #46A46B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A46B
}
```

Border

The CSS property to change the border of an element to Hex 46A46B 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
#46A46B }
```

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

```
.border{ border-color:#46A46B }
```

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

Here you see how a box with a 4 pixel #46A46B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A46B; -webkit-box-shadow:4px 4px  
4px 4px #46A46B; box-shadow:4px 4px 4px  
4px #46A46B }
```

Background

The CSS property to change the background color of an element to Hex 46A46B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A46B }
```

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

```
.background{ background-color:#46A46B }
```

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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