

Converting Colors

Hex(46B962)

Have a look what the booklet for
Hex(46B962) contains.

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Color

Hex(46B962)

Conversions

Conversions Part 1

Format	Color
Hex	46B962
RGB	70, 185, 98
RGB Percent	27%, 73%, 38%
CMY	0.7255, 0.2745, 0.6157
CMYK	0.62, 0.00, 0.47, 0.27
HSL	135°, 45%, 50%
HSV	135°, 62%, 73%
XYZ	22.0794, 36.8819, 17.5105
YIQ	140.6970, -40.6130, -51.4370

Conversions

Conversions Part 2

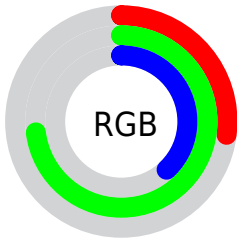
Format	Color
RYB	70, 162, 185
Decimal	4634978
CIELab	67.19, -51.21, 34.67
CIELCh	67, 61.837, 145.902
Yxy	36.8819, 0.2887, 0.4823
Android (android.graphics.Color)	4282825058 (0xFF46B962)
YUV	140.6970, -21.0496, -62.0013
Hunter-Lab	60.7304, -41.3822, 25.4161

Details

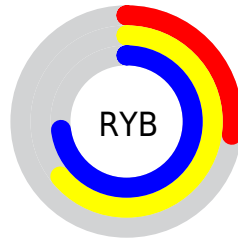
The Hex color **46B962** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B9469D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **81F296**, and **008331** is the 20% darker color. If you saturate the color by 10%, you get **34B954**, and if you desaturate by 10%, it is **59B970**.

Distribution



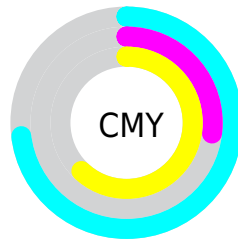
- Red (27%)
- Green (73%)
- Blue (38%)



- Red (27%)
- Yellow (64%)
- Blue (73%)



- Cyan (62%)
- Magenta (0%)
- Yellow (47%)
- Black (27%)



- Cyan (73%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B962 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 46B962 by changing the saturation by 10% instead.



46B962



46B962

FFFFFF



239D49



81F296



008331



9EFFB1



006918



BBFFCD



004F00



D9FFE9



003700



F7FFFF



002100



000000



46B962



46B962



34B954



59B970

 21B946

 6BB97E

 0EB938

 7EB98C

 00B92D

 90B99A

 A3B9A8

 B5B9B6

 C8B9C4

 DAB9D2

 EDB9E0

Harmonies

Analogous

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



91AF37



46B962



00BE9A

Triad

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



46B962



00ACFF



FF7576

Complementary

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



46B962



B9469D

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.



FF70AE



46B962



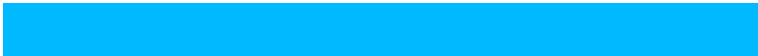
9798FF

Square

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



46B962



00B9FF



E080E3



F18947

Rectangle

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



46B962



00BFC0



E080E3



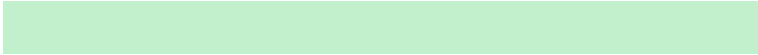
FF7188

Sweetspot

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



46B962



C2F0CD



9EB946



5C7863



F7F7F7



787878

Same Dimension

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



46B962



3CF068



46B99A



535C55



009C26



001C07

Inverse Universe

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



B9469D



F03CC4



B94665



5C535A



9C0076



1C0015

Previews

White Background



This preview shows how the Hex color 46B962 looks on a white background.

Color Contrast Check

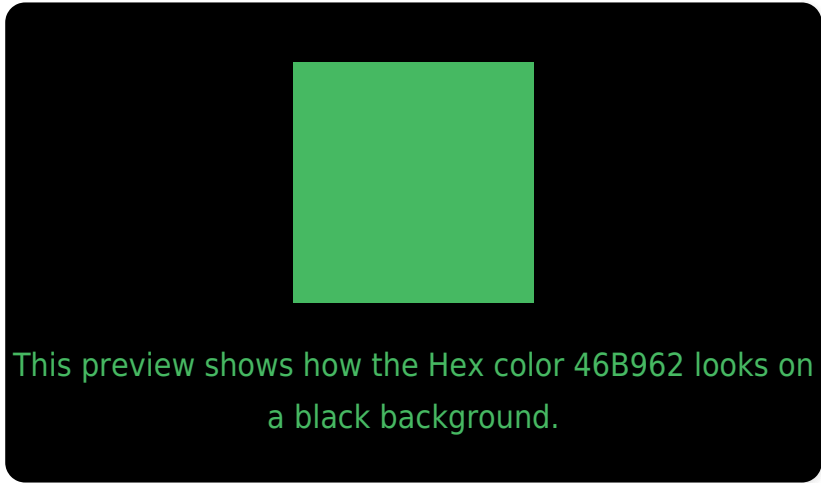
Large Text (above 18pt) WCAG AA × Fail

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

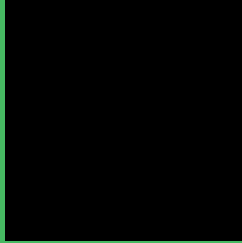
Any Text WCAG AA ✓ Pass

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 46B962 Background



This preview shows how black text looks on a background with the Hex color 46B962.

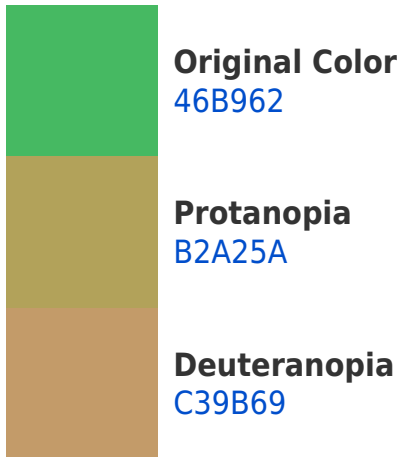


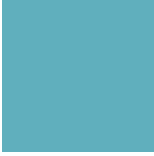
This preview shows how white text looks on a background with the Hex color 46B962.

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
60AFBD

Trichromacy



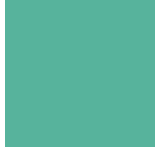
Original Color
46B962



Protanomaly
8BAA5D



Deuteranomaly
96A666



Tritanomaly
57B39C

Monochromacy



Original Color
46B962



Achromatopsia
8D8D8D



Achromatomaly
739D7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 46B962 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 #46B962 looks like.

```
.text, #text, p{  
    color:#46B962  
}
```

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 #46B962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B962
}
```

Border

The CSS property to change the border of an element to Hex 46B962 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
#46B962 }
```

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

```
.border{ border-color:#46B962 }
```

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

Here you see how a box with a 4 pixel #46B962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B962; -webkit-box-shadow:4px 4px  
4px 4px #46B962; box-shadow:4px 4px 4px  
4px #46B962 }
```

Background

The CSS property to change the background color of an element to Hex 46B962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B962 }
```

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

```
.background{ background-color:#46B962 }
```

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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