

Converting Colors

Hex(46B068)

Have a look what the booklet for
Hex(46B068) contains.

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Color

Hex(46B068)

Conversions

Conversions Part 1

Format	Color
Hex	46B068
RGB	70, 176, 104
RGB Percent	27%, 69%, 41%
CMY	0.7255, 0.3098, 0.5922
CMYK	0.60, 0.00, 0.41, 0.31
HSL	139°, 43%, 48%
HSV	139°, 60%, 69%
XYZ	20.5498, 33.3522, 18.4512
YIQ	136.0980, -40.0640, -44.8640

Conversions

Conversions Part 2

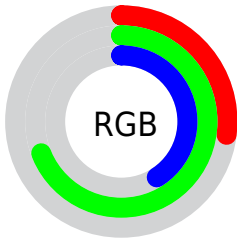
Format	Color
RYB	70, 150, 176
Decimal	4632680
CIELab	64.45, -46.65, 28.02
CIELCh	64, 54.420, 149.007
Yxy	33.3522, 0.2840, 0.4610
Android (android.graphics.Color)	4282822760 (0xFF46B068)
YUV	136.0980, -15.8243, -57.9679
Hunter-Lab	57.7514, -37.5489, 21.4832

Details

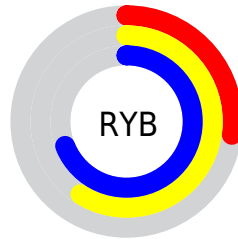
The Hex color **46B068** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B0468E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **80E89C**, and **007A38** is the 20% darker color. If you saturate the color by 10%, you get **34B05C**, and if you desaturate by 10%, it is **58B074**.

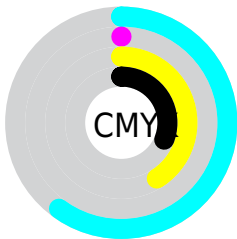
Distribution



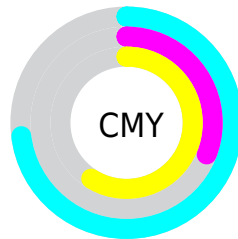
- Red (27%)
- Green (69%)
- Blue (41%)



- Red (27%)
- Yellow (59%)
- Blue (69%)



- Cyan (60%)
- Magenta (0%)
- Yellow (41%)
- Black (31%)



- Cyan (73%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B068 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 46B068 by changing the saturation by 10% instead.

 46B068

 46B068

FFFFFF

 25954F

 80E89C

 007A38

 9CFFB7

 006120

 B9FFD3

 004809

 D6FFE7

 003100

 F4FFFF

 001800

 000000

 46B068

 46B068

 34B05C

 58B074

 23B050

 69B080

 11B044

 7BB08C

 00B038

 8CB098

 9EB0A4

 B0B0B0

 C1B0BC

 D3B0C8

 E4B0D4

Harmonies

Analogous

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



88A742



46B068



00B499

Triad

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



46B068



24A2FD



F47670

Complementary

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



46B068



B0468E

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.



F371A0



46B068



9B90F2

Square

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



46B068



00AEEF



D67CCF



DE8749

Rectangle

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



46B068



00B4BA



D67CCF



F6737F

Sweetspot

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



46B068



BCE6C9



8EB046



5A7362



F2F2F2



737373

Same Dimension

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



46B068



40E675



46B09D



505953



009931



001A08

Inverse Universe

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



B0468E



E640B0



B04659



595056



990068



1A0011

Previews

White Background



This preview shows how the Hex color 46B068 looks on a white background.

Color Contrast Check

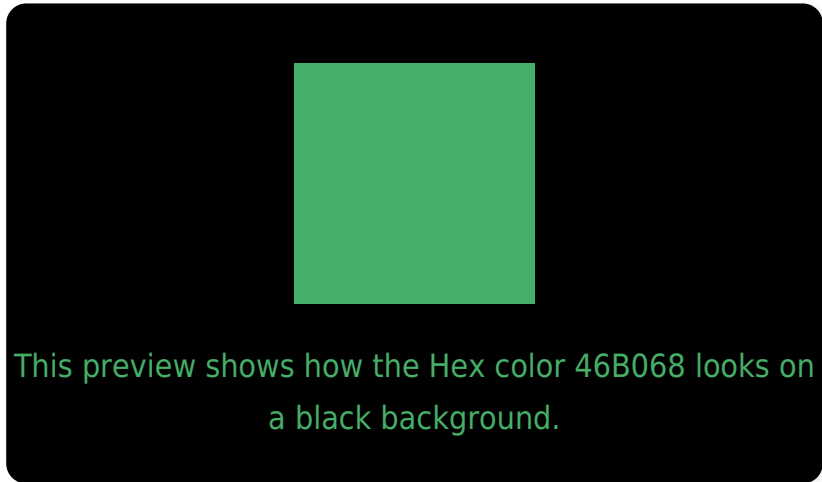
Large Text (above 18pt) WCAG AA × Fail

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

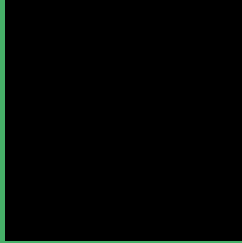
Any Text WCAG AA ✓ Pass

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 46B068 Background



This preview shows how black text looks on a background with the Hex color 46B068.



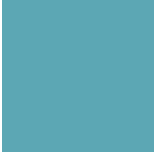
This preview shows how white text looks on a background with the Hex color 46B068.

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
5CA7B4

Trichromacy



Original Color
46B068



Protanomaly
85A363



Deuteranomaly
8F9F6C



Tritanomaly
54AA98

Monochromacy



Original Color
46B068



Achromatopsia
888888



Achromatomaly
70977C

CSS Examples

Text

The CSS property to change the color of the text to Hex 46B068 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 #46B068 looks like.

```
.text, #text, p{  
    color:#46B068  
}
```

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 #46B068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B068
}
```

Border

The CSS property to change the border of an element to Hex 46B068 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
#46B068 }
```

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

```
.border{ border-color:#46B068 }
```

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

Here you see how a box with a 4 pixel #46B068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B068; -webkit-box-shadow:4px 4px  
4px 4px #46B068; box-shadow:4px 4px 4px  
4px #46B068 }
```

Background

The CSS property to change the background color of an element to Hex 46B068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B068 }
```

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

```
.background{ background-color:#46B068 }
```

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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