

Converting Colors

Hex(46B071)

Have a look what the booklet for
Hex(46B071) contains.

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Color

Hex(46B071)

Conversions

Conversions Part 1

Format	Color
Hex	46B071
RGB	70, 176, 113
RGB Percent	27%, 69%, 44%
CMY	0.7255, 0.3098, 0.5569
CMYK	0.60, 0.00, 0.36, 0.31
HSL	144°, 43%, 48%
HSV	144°, 60%, 69%
XYZ	21.0318, 33.5450, 20.9891
YIQ	137.1240, -42.9530, -42.0650

Conversions

Conversions Part 2

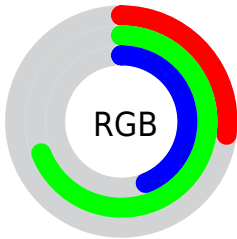
Format	Color
RYB	70, 145, 176
Decimal	4632689
CIELab	64.60, -44.99, 23.43
CIElCh	65, 50.726, 152.488
Yxy	33.5450, 0.2783, 0.4439
Android (android.graphics.Color)	4282822769 (0xFF46B071)
YUV	137.1240, -11.8931, -58.8677
Hunter-Lab	57.9181, -36.5380, 19.0563

Details

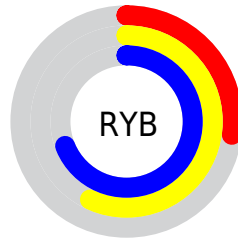
The Hex color **46B071** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B04685**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **80E8A5**, and **007A40** is the 20% darker color. If you saturate the color by 10%, you get **34B067**, and if you desaturate by 10%, it is **58B07B**.

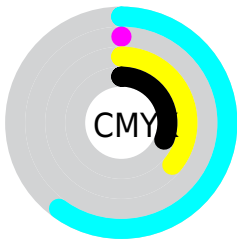
Distribution



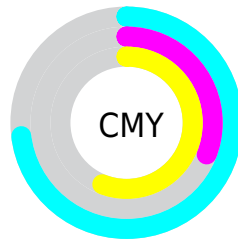
- Red (27%)
- Green (69%)
- Blue (44%)



- Red (27%)
- Yellow (57%)
- Blue (69%)



- Cyan (60%)
- Magenta (0%)
- Yellow (36%)
- Black (31%)



- Cyan (73%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B071 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 46B071 by changing the saturation by 10% instead.



46B071



46B071

FFFFFF



259558



80E8A5



007A40



9CFFC1



006129



B9FFDD



004813



D6FFF9



003100



F4FFFF



001900



000000



46B071



46B071




34B067



58B07B

 23B05C

 69B086

 11B052

 7BB090

 00B047

 8CB09B

 9EB0A5

 B0B0B0

 C1B0BA

 D3B0C5

 E4B0CF

Harmonies

Analogous

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



85A84D



46B071



00B39F

Triad

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



46B071



4DA0F7



EE7B6E

Complementary

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



46B071



B04685

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.



EF759B



46B071



A48FE9

Square

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



46B071



00ACEC



D77EC7



D88B4C

Rectangle

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



46B071



00B3BE



D77EC7



F1787D

Sweetspot

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



46B071



BCE6CD



86B046



5A7364



F2F2F2



737373

Same Dimension

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



46B071



40E683



46B0A5



505954



00993E



001A0A

Inverse Universe

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



B04685



E640A2



B04651



595056



99005B



1A000F

Previews

White Background



This preview shows how the Hex color 46B071 looks on a white background.

Color Contrast Check

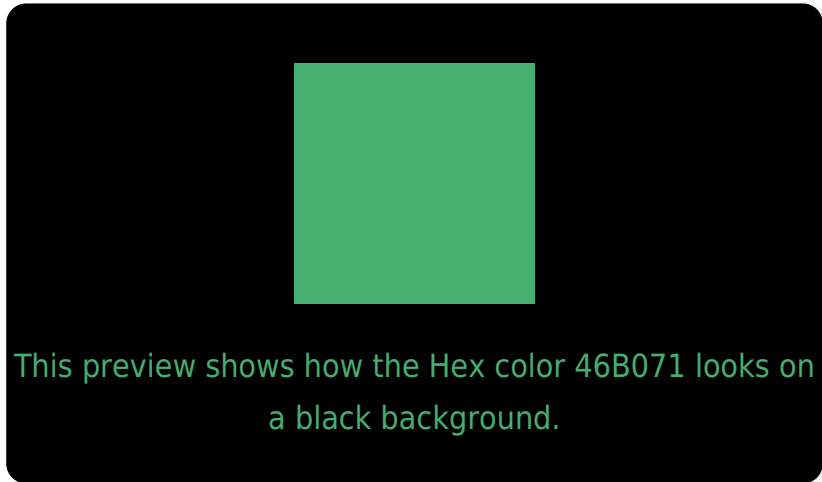
Large Text (above 18pt) WCAG AA × Fail

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

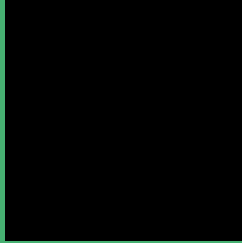
Any Text WCAG AA ✓ Pass

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 46B071 Background



This preview shows how black text looks on a background with the Hex color 46B071.



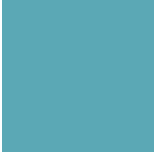
This preview shows how white text looks on a background with the Hex color 46B071.

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](#).

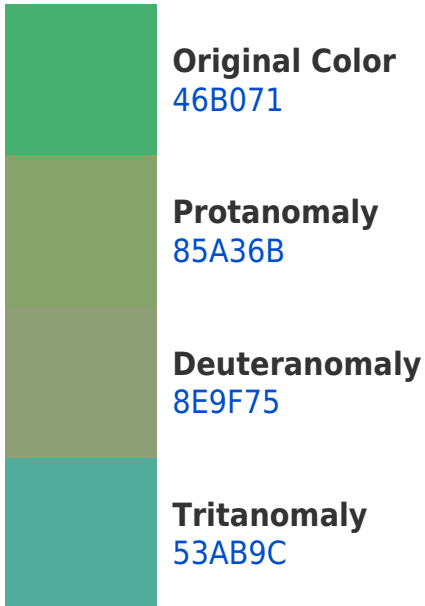
Dichromacy





Tritanopia
5BA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46B071 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 #46B071 looks like.

```
.text, #text, p{  
    color:#46B071  
}
```

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 #46B071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B071
}
```

Border

The CSS property to change the border of an element to Hex 46B071 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
#46B071 }
```

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

```
.border{ border-color:#46B071 }
```

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

Here you see how a box with a 4 pixel #46B071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B071; -webkit-box-shadow:4px 4px  
4px 4px #46B071; box-shadow:4px 4px 4px  
4px #46B071 }
```

Background

The CSS property to change the background color of an element to Hex 46B071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B071 }
```

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

```
.background{ background-color:#46B071 }
```

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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