

Converting Colors

Hex(47B069)

Have a look what the booklet for
Hex(47B069) contains.

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Color

Hex(47B069)

Conversions

Conversions Part 1

Format	Color
Hex	47B069
RGB	71, 176, 105
RGB Percent	28%, 69%, 41%
CMY	0.7216, 0.3098, 0.5882
CMYK	0.60, 0.00, 0.40, 0.31
HSL	139°, 43%, 48%
HSV	139°, 60%, 69%
XYZ	20.6737, 33.4102, 18.7238
YIQ	136.5110, -39.7890, -44.3410

Conversions

Conversions Part 2

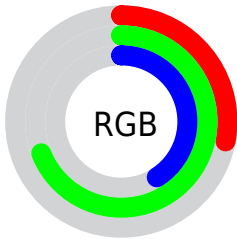
Format	Color
RYB	71, 150, 176
Decimal	4698217
CIELab	64.49, -46.25, 27.56
CIELCh	64, 53.839, 149.209
Yxy	33.4102, 0.2839, 0.4589
Android (android.graphics.Color)	4282888297 (0xFF47B069)
YUV	136.5110, -15.5349, -57.4531
Hunter-Lab	57.8015, -37.3092, 21.2551

Details

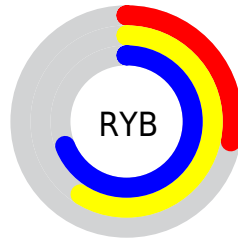
The Hex color **47B069** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B0478E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **81E89D**, and **007A39** is the 20% darker color. If you saturate the color by 10%, you get **35B05D**, and if you desaturate by 10%, it is **59B075**.

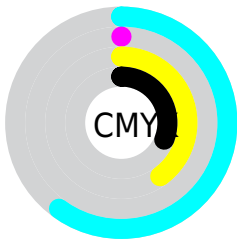
Distribution



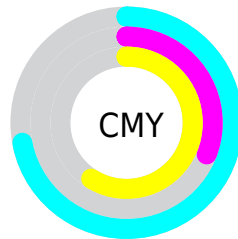
- Red (28%)
- Green (69%)
- Blue (41%)



- Red (28%)
- Yellow (59%)
- Blue (69%)



- Cyan (60%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (72%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47B069 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 47B069 by changing the saturation by 10% instead.



47B069



47B069

FFFFFF



279550



81E89D



007A39



9DFFB8



006122



BAFFD4



00480A



D7FFF0



003100



F5FFFF



001800



000000



47B069



47B069



35B05D



59B075

 24B051

 6AB081

 12B045

 7CB08D

 01B039

 8DB099

 00B039

 9FB0A5

 B1B0B0

 C2B0BC

 D4B0C8

 E5B0D4

Harmonies

Analogous

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



88A744



47B069



00B49A

Triad

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



47B069



2BA2FC



F37770

Complementary

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



47B069



B0478E

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.



F272A0



47B069



9C90F1

Square

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



47B069



00AEEE



D67DCE



DE874A

Rectangle

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



47B069



00B4BB



D67DCE



F5737F

Sweetspot

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



47B069



BCE6CA



8FB047



5A7362



F2F2F2



737373

Same Dimension

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



47B069



40E676



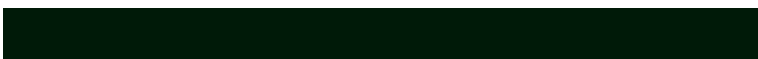
47B09D



505953



009932



001A08

Inverse Universe

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



B0478E



E640B0



B0475A



595056



990067



1A0011

Previews

White Background



This preview shows how the Hex color 47B069 looks on a white background.

Color Contrast Check

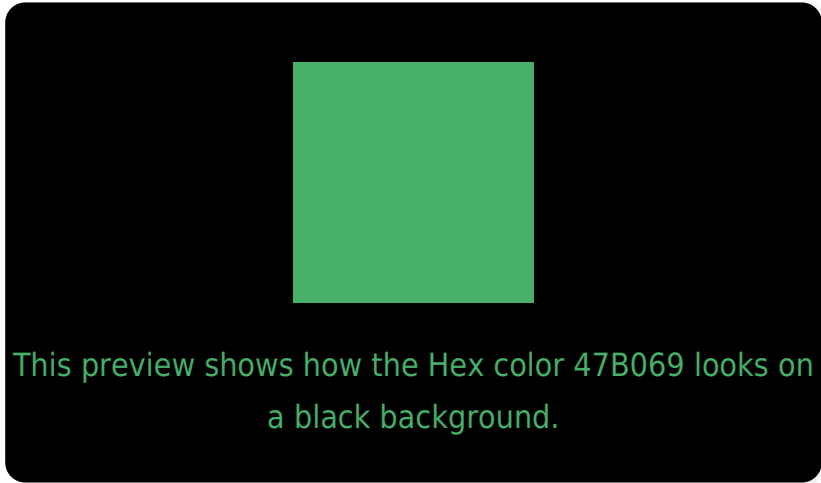
Large Text (above 18pt) WCAG AA × Fail

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

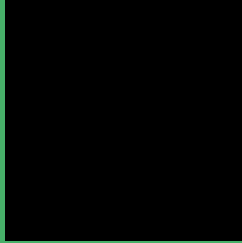
Any Text WCAG AA ✓ Pass

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 47B069 Background



This preview shows how black text looks on a background with the Hex color 47B069.



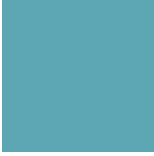
This preview shows how white text looks on a background with the Hex color 47B069.

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
5DA7B5

Trichromacy



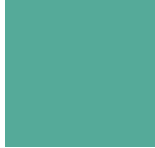
Original Color
47B069



Protanomaly
85A364



Deuteranomaly
8F9F6D



Tritanomaly
55AA99

Monochromacy



Original Color
47B069



Achromatopsia
898989



Achromatomaly
71977D

CSS Examples

Text

The CSS property to change the color of the text to Hex 47B069 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 #47B069 looks like.

```
.text, #text, p{  
    color:#47B069  
}
```

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 #47B069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B069
}
```

Border

The CSS property to change the border of an element to Hex 47B069 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
#47B069 }
```

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

```
.border{ border-color:#47B069 }
```

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

Here you see how a box with a 4 pixel #47B069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B069; -webkit-box-shadow:4px 4px  
4px 4px #47B069; box-shadow:4px 4px 4px  
4px #47B069 }
```

Background

The CSS property to change the background color of an element to Hex 47B069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B069 }
```

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

```
.background{ background-color:#47B069 }
```

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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