

Converting Colors

Hex(4ABC69)

Have a look what the booklet for
Hex(4ABC69) contains.

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Color

Hex(4ABC69)

Conversions

Conversions Part 1

Format	Color
Hex	4ABC69
RGB	74, 188, 105
RGB Percent	29%, 74%, 41%
CMY	0.7098, 0.2627, 0.5882
CMYK	0.61, 0.00, 0.44, 0.26
HSL	136°, 46%, 51%
HSV	136°, 61%, 74%
XYZ	23.3571, 38.4422, 19.5536
YIQ	144.4520, -41.3010, -49.9810

Conversions

Conversions Part 2

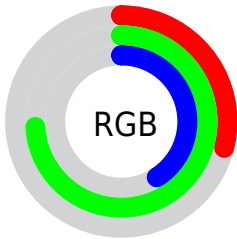
Format	Color
RYB	74, 164, 188
Decimal	4897897
CIELab	68.35, -50.38, 32.59
CIELCh	68, 59.996, 147.103
Yxy	38.4422, 0.2871, 0.4725
Android (android.graphics.Color)	4283087977 (0xFF4ABC69)
YUV	144.4520, -19.4498, -61.7864
Hunter-Lab	62.0018, -41.2593, 24.7028

Details

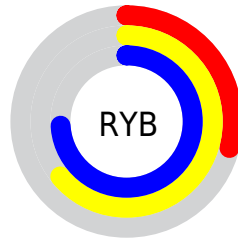
The Hex color **4ABC69** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BC4A9D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **85F59D**, and **008638** is the 20% darker color. If you saturate the color by 10%, you get **37BC5B**, and if you desaturate by 10%, it is **5DBC77**.

Distribution



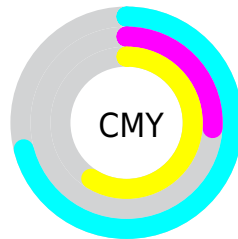
- Red (29%)
- Green (74%)
- Blue (41%)



- Red (29%)
- Yellow (64%)
- Blue (74%)



- Cyan (61%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ABC69 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 4ABC69 by changing the saturation by 10% instead.

 4ABC69

 4ABC69

FFFFFF

 28A050

 85F59D

 008638

 A2FFB9

 006B20

 BFFFD4

 005206

 DCFFF1

 003A00

 FAFFFF

 002400

 000000

 4ABC69

 4ABC69

 37BC5B

 5DBC77

 24BC4E

 70BC84

 12BC40

 82BC92

 00BC33

 95BCA0

 A8BCAD

 BBBCBB

 CEBCC9

 E0BCD7

 F3BCE4

Harmonies

Analogous

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



93B23F



4ABC69



00C19F

Triad

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



4ABC69



00AEFF



FF7A78

Complementary

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



4ABC69



BC4A9D

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.



FF76AE



4ABC69



9F9BFF

Square

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



4ABC69



00BBFF



E484E2



F18D4C

Rectangle

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



4ABC69



00C1C5



E484E2



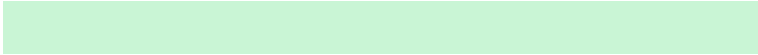
FF778A

Sweetspot

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



4ABC69



C9F5D5



9EBC4A



5F7A67



FAFAFA



7A7A7A

Same Dimension

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



4ABC69



42F573



4ABCA1



555E57



009E2B



001F08

Inverse Universe

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



BC4A9D



F542C4



BC4A65



5E555C



9E0073



1F0016

Previews

White Background



This preview shows how the Hex color 4ABC69 looks on a white background.

Color Contrast Check

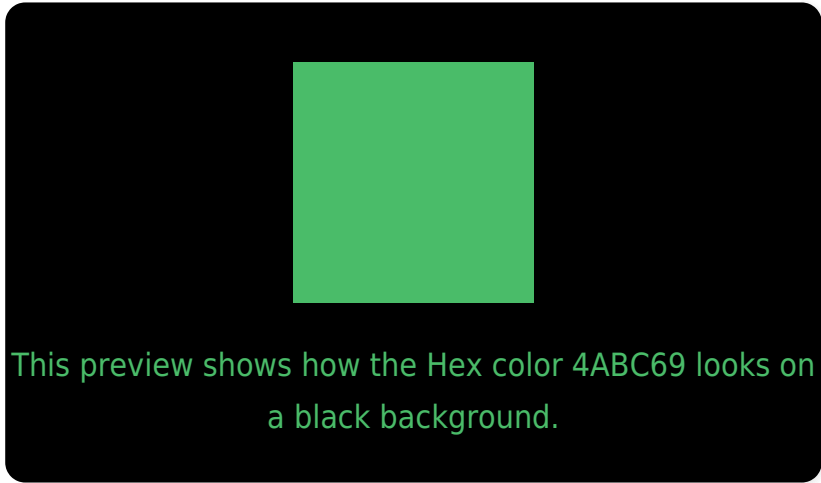
Large Text (above 18pt) WCAG AA × Fail

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 4ABC69 Background



This preview shows how black text looks on a background with the Hex color 4ABC69.

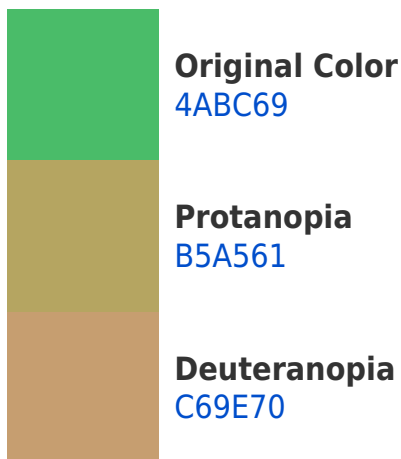


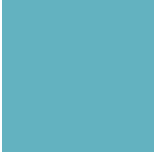
This preview shows how white text looks on a background with the Hex color 4ABC69.

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](#).

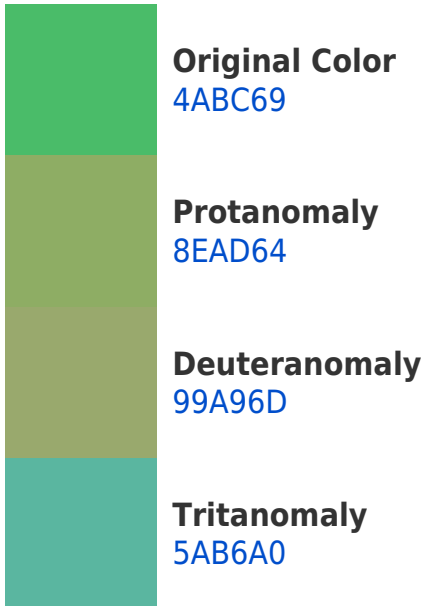
Dichromacy



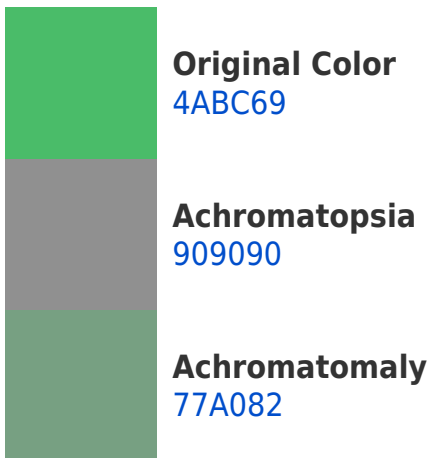


Tritanopia
63B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ABC69 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 #4ABC69 looks like.

```
.text, #text, p{  
    color:#4ABC69  
}
```

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 #4ABC69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ABC69
}
```

Border

The CSS property to change the border of an element to Hex 4ABC69 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
#4ABC69 }
```

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

```
.border{ border-color:#4ABC69 }
```

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

Here you see how a box with a 4 pixel #4ABC69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ABC69; -webkit-box-shadow:4px 4px  
4px 4px #4ABC69; box-shadow:4px 4px 4px  
4px #4ABC69 }
```

Background

The CSS property to change the background color of an element to Hex 4ABC69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ABC69 }
```

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

```
.background{ background-color:#4ABC69 }
```

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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