

Converting Colors

Hex(48C679)

Have a look what the booklet for
Hex(48C679) contains.

Hex(48C679)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(48C679)

Conversions

Conversions Part 1

Format	Color
Hex	48C679
RGB	72, 198, 121
RGB Percent	28%, 78%, 47%
CMY	0.7176, 0.2235, 0.5255
CMYK	0.64, 0.00, 0.39, 0.22
HSL	143°, 52%, 53%
HSV	143°, 64%, 78%
XYZ	26.3178, 43.1464, 25.0302
YIQ	151.5480, -50.3790, -50.6590

Conversions

Conversions Part 2

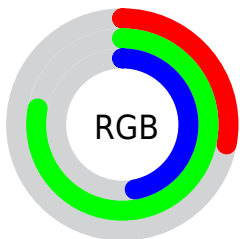
Format	Color
RYB	72, 163, 198
Decimal	4769401
CIELab	71.65, -51.93, 28.61
CIELCh	72, 59.288, 151.147
Yxy	43.1464, 0.2785, 0.4566
Android (android.graphics.Color)	4282959481 (0xFF48C679)
YUV	151.5480, -15.0602, -69.7636
Hunter-Lab	65.6859, -43.4324, 23.3872

Details

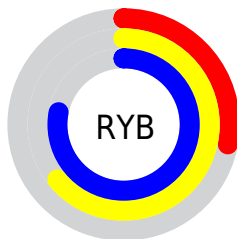
The Hex color **48C679** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C64895**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **85FFAE**, and **008F47** is the 20% darker color. If you saturate the color by 10%, you get **34C66D**, and if you desaturate by 10%, it is **5CC685**.

Distribution



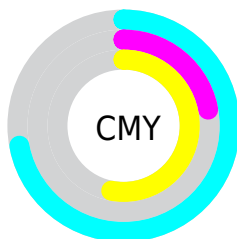
- Red (28%)
- Green (78%)
- Blue (47%)



- Red (28%)
- Yellow (64%)
- Blue (78%)



- Cyan (64%)
- Magenta (0%)
- Yellow (39%)
- Black (22%)



- Cyan (72%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48C679 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 48C679 by changing the saturation by 10% instead.


 48C679

 48C679

FFFFFF

 23AA60

 85FFAE

 008F47

 A2FFCA

 007530

 BFFFE6

 005B19

 DDFFFF

 004200

 FBFFFF

 002C00

 000B00

 000000

 48C679

 48C679

 34C66D

 5CC685

 20C661

 70C691

 0DC655

 83C69D

 00C64D

 97C6A9

 ABC6B6

 BFC6C2

 D3C6CE

 E6C6DA

 FAC6E6

Harmonies

Analogous

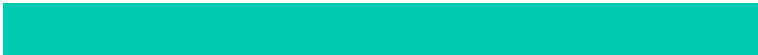
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95BD4E



48C679



00CAB0

Triad

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



48C679



3DB5FF



FF867B

Complementary

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



48C679



C64895

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.



FF7FB0



48C679



B4A0FF

Square

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



48C679



00C3FF



F38BE5



F69950

Rectangle

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



48C679



00CAD5



F38BE5



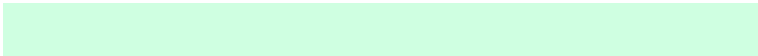
FF828C

Sweetspot

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



48C679



CFFFE1



96C648



62806E



000000



808080

Same Dimension

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



48C679



3DFF89



48C6B7



5A635D



00A33F



00240E

Inverse Universe

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



C64895



FF3DB4



C64857



635A60



A30064



240016

Previews

White Background



This preview shows how the Hex color 48C679 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



This preview shows how the Hex color 48C679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

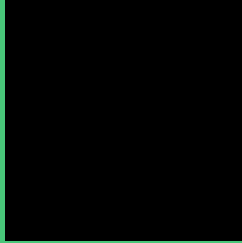
Any Text WCAG AA ✓ Pass

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 48C679 Background



This preview shows how black text looks on a background with the Hex color 48C679.

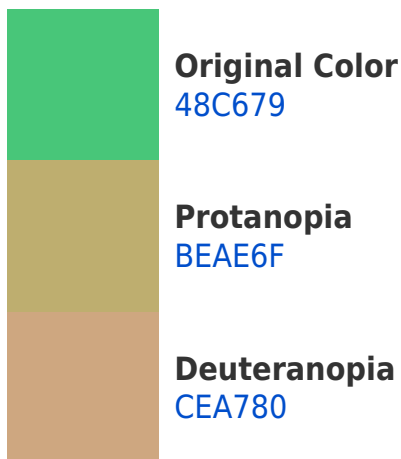


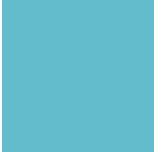
This preview shows how white text looks on a background with the Hex color 48C679.

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](#).

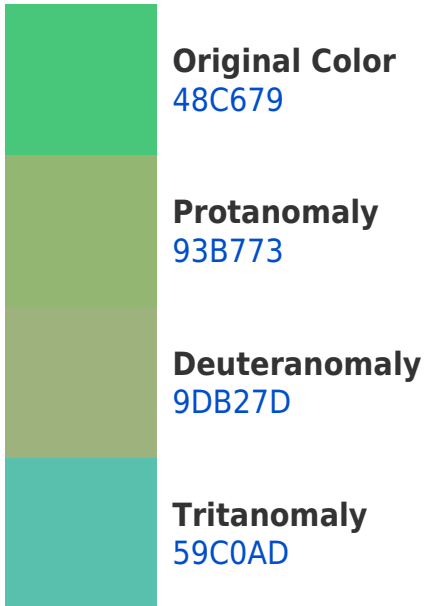
Dichromacy



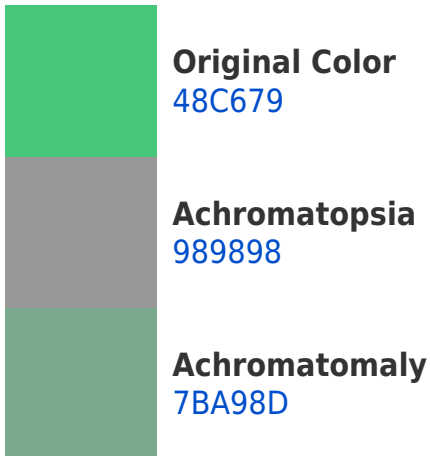


Tritanopia
62BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48C679 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 #48C679 looks like.

```
.text, #text, p{  
    color:#48C679  
}
```

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 #48C679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C679
}
```

Border

The CSS property to change the border of an element to Hex 48C679 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
#48C679 }
```

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

```
.border{ border-color:#48C679 }
```

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

Here you see how a box with a 4 pixel #48C679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C679; -webkit-box-shadow:4px 4px  
4px 4px #48C679; box-shadow:4px 4px 4px  
4px #48C679 }
```

Background

The CSS property to change the background color of an element to Hex 48C679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C679 }
```

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

```
.background{ background-color:#48C679 }
```

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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