

Converting Colors

Hex(49B684)

Have a look what the booklet for
Hex(49B684) contains.

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Color

Hex(49B684)

Conversions

Conversions Part 1

Format	Color
Hex	49B684
RGB	73, 182, 132
RGB Percent	29%, 71%, 52%
CMY	0.7137, 0.2863, 0.4824
CMYK	0.60, 0.00, 0.27, 0.29
HSL	152°, 43%, 50%
HSV	152°, 60%, 71%
XYZ	23.6405, 36.5383, 27.6364
YIQ	143.7090, -48.9140, -38.6580

Conversions

Conversions Part 2

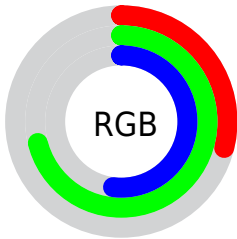
Format	Color
RYB	73, 144, 182
Decimal	4830852
CIELab	66.93, -43.01, 16.35
CIElCh	67, 46.013, 159.185
Yxy	36.5383, 0.2692, 0.4161
Android (android.graphics.Color)	4283020932 (0xFF49B684)
YUV	143.7090, -5.7725, -62.0118
Hunter-Lab	60.4469, -35.9718, 15.2054

Details

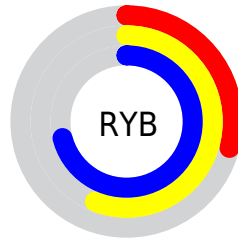
The Hex color **49B684** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B6497B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **83EFB9**, and **008052** is the 20% darker color. If you saturate the color by 10%, you get **37B67C**, and if you desaturate by 10%, it is **5BB68C**.

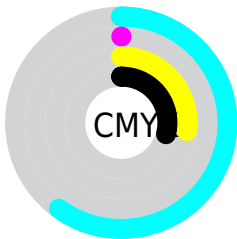
Distribution



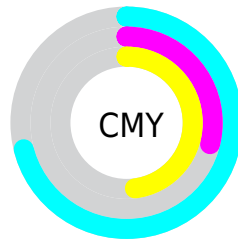
- Red (29%)
- Green (71%)
- Blue (52%)



- Red (29%)
- Yellow (56%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (27%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B684 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 49B684 by changing the saturation by 10% instead.



49B684



49B684

FFFFFF



289B6B



83EFB9



008052



A0FFD5



00663B



BDFFF1



004D25



DAFFFF



003510



F8FFFF



002000



000000



49B684



49B684



37B67C



5BB68C

 25B673

 6DB695

 12B66B

 80B69D

 00B663

 92B6A5

 A4B6AE

 B6B6B6

 C8B6BE

 DBB6C7

 EDB6CF

Harmonies

Analogous

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



83B061



49B684



00B8AF

Triad

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



49B684



76A3F4



EC8871

Complementary

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



49B684



B6497B

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.



F18198



49B684



B793E3

Square

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



49B684



00AFF0



E085C1



D49655

Rectangle

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



49B684



00B7CA



E085C1



F0847D

Sweetspot

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



49B684



C2EDDA



7CB649



5D786C



F7F7F7



787878

Same Dimension

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



49B684



42ED9F



49B2B6



535C58



009C54



001C0F

Inverse Universe

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



B6497B



ED4291



B64D49



5C5357



9C0047



1C000D

Previews

White Background



This preview shows how the Hex color 49B684 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 49B684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

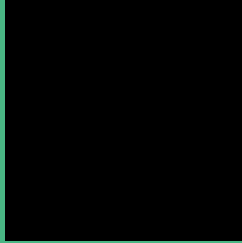
Any Text WCAG AA ✓ Pass

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 49B684 Background



This preview shows how black text looks on a background with the Hex color 49B684.

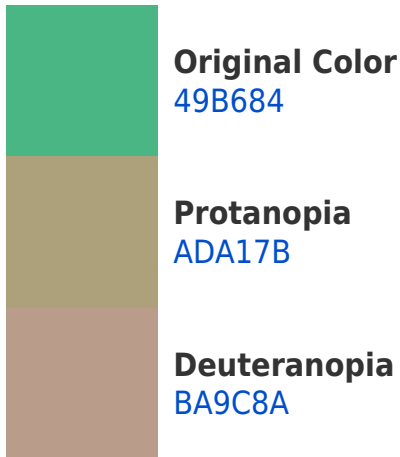


This preview shows how white text looks on a background with the Hex color 49B684.

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



Trichromacy



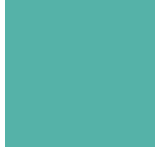
Original Color
49B684



Protanomaly
89A97E



Deuteranomaly
91A588



Tritanomaly
55B2A8

Monochromacy



Original Color
49B684



Achromatopsia
909090



Achromatomaly
769E8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 49B684 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 #49B684 looks like.

```
.text, #text, p{  
    color:#49B684  
}
```

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 #49B684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B684
}
```

Border

The CSS property to change the border of an element to Hex 49B684 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
#49B684 }
```

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

```
.border{ border-color:#49B684 }
```

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

Here you see how a box with a 4 pixel #49B684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B684; -webkit-box-shadow:4px 4px  
4px 4px #49B684; box-shadow:4px 4px 4px  
4px #49B684 }
```

Background

The CSS property to change the background color of an element to Hex 49B684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B684 }
```

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

```
.background{ background-color:#49B684 }
```

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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