

# Converting Colors

Hex(52C769)

Have a look what the booklet for  
Hex(52C769) contains.

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# **Color**

**Hex(52C769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52C769
RGB	82, 199, 105
RGB Percent	32%, 78%, 41%
CMY	0.6784, 0.2196, 0.5882
CMYK	0.59, 0.00, 0.47, 0.22
HSL	132°, 51%, 55%
HSV	132°, 59%, 78%
XYZ	26.4529, 43.6606, 20.3977
YIQ	153.3010, -39.5580, -54.0380

# Conversions

## Conversions Part 2

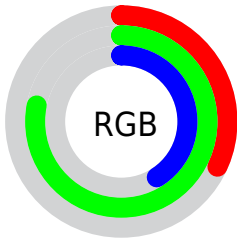
Format	Color
<a href="#">RYB</a>	<a href="#">82, 180, 199</a>
Decimal	<a href="#">5425001</a>
CIELab	<a href="#">72.00, -52.87, 37.29</a>
CIElCh	<a href="#">72, 64.693, 144.804</a>
Yxy	<a href="#">43.6606, 0.2923, 0.4824</a>
Android (android.graphics.Color)	<a href="#">4283615081 (0xFF52C769)</a>
YUV	<a href="#">153.3010, -23.8124, -62.5310</a>
Hunter-Lab	<a href="#">66.0762, -44.1727, 27.9505</a>

# Details

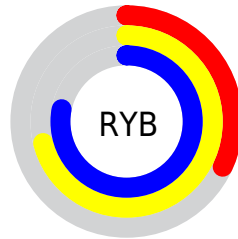
The Hex color **52C769** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C752B0**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8DFF9E**, and **009037** is the 20% darker color. If you saturate the color by 10%, you get **3EC759**, and if you desaturate by 10%, it is **66C779**.

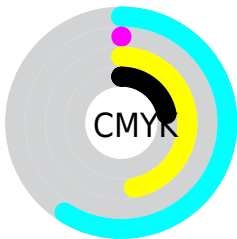
# Distribution



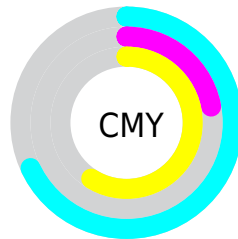
- Red (32%)
- Green (78%)
- Blue (41%)



- Red (32%)
- Yellow (71%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (68%)
- Magenta (22%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52C769 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 52C769 by changing the saturation by 10% instead.



 52C769

 52C769

FFFFFF

 31AB50

 8DFF9E

 009037

 AAFFB9

 00751E

 C8FFD5

 005C02

 E5FFF2

 004300

 002D00

 000D00

 000000

 52C769

 52C769

 3EC759

 66C779

 2AC749

 7AC789

 16C739

 8EC799

 02C729

 A2C7A9

 00C727

 B6C7B9

 C9C7C9

 DDC7D9

 F1C7E9

 FFC7F9

# Harmonies

## Analogous

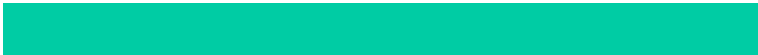
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0BC3C



52C769



00CCA4

# Triad

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



52C769



00BAFF



FF7F82

# Complementary

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



52C769



C752B0

# 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.



FF7BBD



52C769



A0A5FF

# Square

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



52C769



00C7FF



EF8CF5



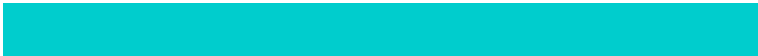
FF9350

# Rectangle

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



52C769



00CDCD



EF8CF5



FF7B96

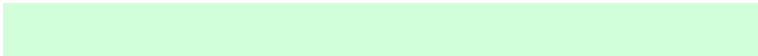


# Sweetspot

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



52C769



D1FFDA



B2C752



638069



000000



808080



# Same Dimension

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



52C769



4AFF6E



52C7A2



5A635B



00A320



002407



# Inverse Universe

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



C752B0



FF4ADB



C75277



635A61



A30083



24001D



# Previews

## White Background



This preview shows how the Hex color 52C769 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 52C769 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

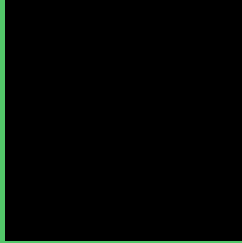
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52C769 Background



This preview shows how black text looks on a background with the Hex color 52C769.

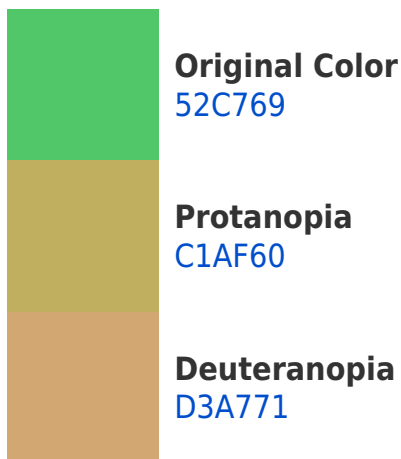


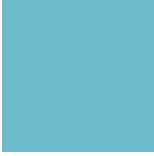
This preview shows how white text looks on a background with the Hex color 52C769.

# 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](#).

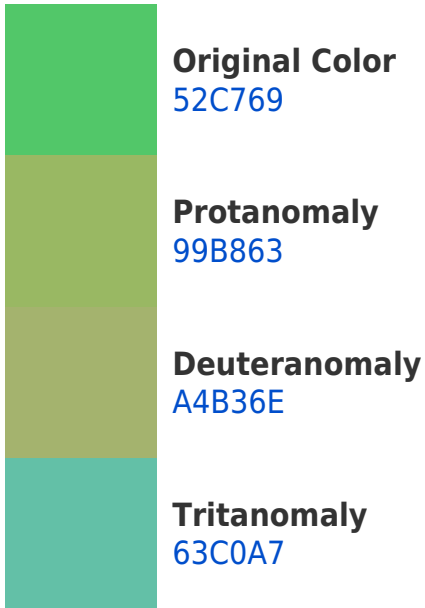
## Dichromacy



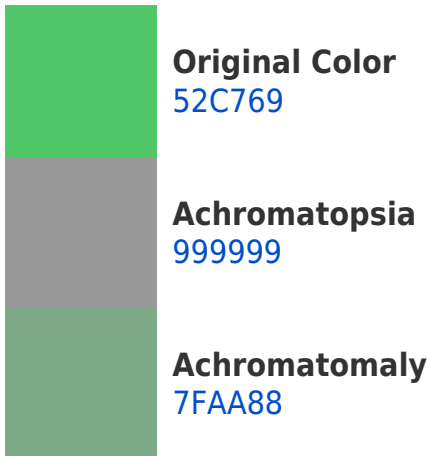


**Tritanopia**  
6CBCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52C769 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 #52C769 looks like.

```
.text, #text, p{  
    color:#52C769  
}
```

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 #52C769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52C769
}
```

## Border

The CSS property to change the border of an element to Hex 52C769 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
#52C769 }
```

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

```
.border{ border-color:#52C769 }
```

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

Here you see how a box with a 4 pixel #52C769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52C769; -webkit-box-shadow:4px 4px  
4px 4px #52C769; box-shadow:4px 4px 4px  
4px #52C769 }
```

# Background

The CSS property to change the background color of an element to Hex 52C769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52C769 }
```

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

```
.background{ background-color:#52C769 }
```

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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