

# Converting Colors

Hex(52CC78)

Have a look what the booklet for  
Hex(52CC78) contains.

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**Color**

**Hex(52CC78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52CC78
RGB	82, 204, 120
RGB Percent	32%, 80%, 47%
CMY	0.6784, 0.2000, 0.5294
CMYK	0.60, 0.00, 0.41, 0.20
HSL	139°, 54%, 56%
HSV	139°, 60%, 80%
XYZ	28.4627, 46.3356, 25.2128
YIQ	157.9460, -45.7480, -51.9880

# Conversions

## Conversions Part 2

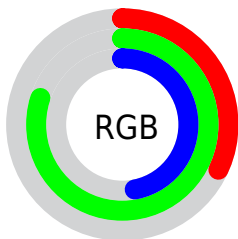
Format	Color
<a href="#">RYB</a>	<a href="#">82, 175, 204</a>
Decimal	<a href="#">5426296</a>
CIELab	<a href="#">73.76, -52.39, 31.95</a>
CIELCh	<a href="#">74, 61.366, 148.626</a>
Yxy	<a href="#">46.3356, 0.2846, 0.4633</a>
Android (android.graphics.Color)	<a href="#">4283616376 (0xFF52CC78)</a>
YUV	<a href="#">157.9460, -18.7074, -66.6046</a>
Hunter-Lab	<a href="#">68.0703, -44.4855, 25.6885</a>

# Details

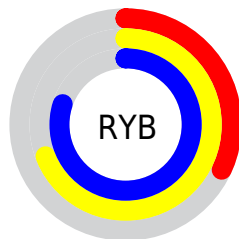
The Hex color **52CC78** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **CC52A6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8EFFAD**, and **009546** is the 20% darker color. If you saturate the color by 10%, you get **3ECC6A**, and if you desaturate by 10%, it is **66CC86**.

# Distribution



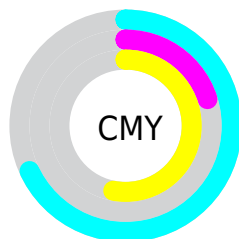
- Red (32%)
- Green (80%)
- Blue (47%)



- Red (32%)
- Yellow (69%)
- Blue (80%)



- Cyan (60%)
- Magenta (0%)
- Yellow (41%)
- Black (20%)



- Cyan (68%)
- Magenta (20%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52CC78 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 52CC78 by changing the saturation by 10% instead.



 52CC78

 52CC78

FFFFFF

 31B05F

 8EFFAD

 009546

 ABFFC9

 007A2E

 C8FFE5

 006016

 E6FFFF

 004700

 003000

 001600

 000000

 52CC78

 52CC78

 3ECC6A

 66CC86

 29CC5C

 7BCC94

 15CC4E

 8FCCA2

 00CC40

 A4CCB0

 B8CCBE

 CCCCCC

 E1CCDA

 F5CCE8

 FFCCF6

# Harmonies

## Analogous

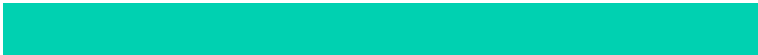
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EC24C



52CC78



00D1B1

# Triad

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



52CC78



1FBCFF



FF8983

# Complementary

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



52CC78



CC52A6

# 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.



FF83BA



52CC78



B3A7FF

# Square

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



52CC78



00CAFF



F891F1



FF9C55

# Rectangle

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



52CC78



00D1D8



F891F1



FF8594

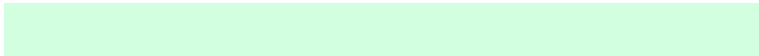


# Sweetspot

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



52CC78



D1FFDF



A7CC52



63806C



000000



808080



# Same Dimension

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



52CC78



47FF81



52CCB4



5C665F



00A634



00260C



# Inverse Universe

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



CC52A6



FF47C6



CC526A



665C63



A60072

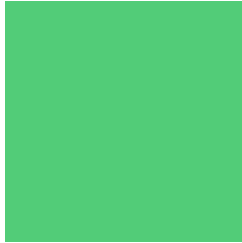


26001A



# Previews

## White Background



This preview shows how the Hex color 52CC78 looks on a white background.

## Color Contrast Check

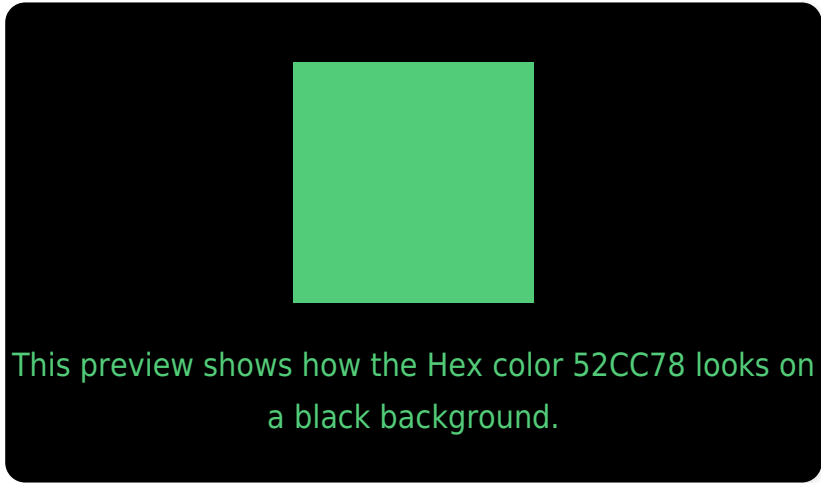
Large Text (above 18pt) WCAG AA × Fail

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

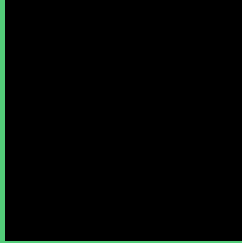
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52CC78 Background



This preview shows how black text looks on a background with the Hex color 52CC78.

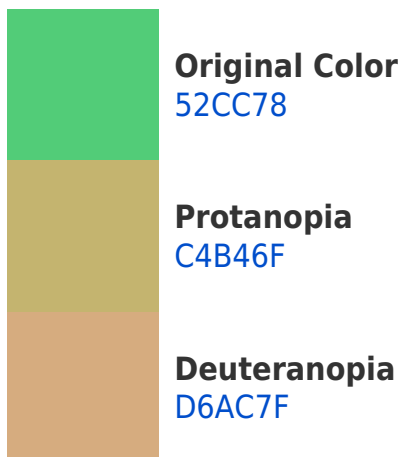


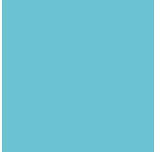
This preview shows how white text looks on a background with the Hex color 52CC78.

# 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**  
6BC2D1

# Trichromacy



**Original Color**  
52CC78



**Protanomaly**  
9BBD72



**Deuteranomaly**  
A6B87C



**Tritanomaly**  
62C6B1

# Monochromacy



**Original Color**  
52CC78



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
82AF90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52CC78 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 #52CC78 looks like.

```
.text, #text, p{  
    color:#52CC78  
}
```

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 #52CC78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52CC78
}
```

## Border

The CSS property to change the border of an element to Hex 52CC78 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
#52CC78 }
```

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

```
.border{ border-color:#52CC78 }
```

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

Here you see how a box with a 4 pixel #52CC78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52CC78; -webkit-box-shadow:4px 4px  
4px 4px #52CC78; box-shadow:4px 4px 4px  
4px #52CC78 }
```

# Background

The CSS property to change the background color of an element to Hex 52CC78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52CC78 }
```

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

```
.background{ background-color:#52CC78 }
```

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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