

# Converting Colors

Hex(54CD8E)

Have a look what the booklet for  
Hex(54CD8E) contains.

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# Color

Hex(54CD8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	54CD8E
RGB	84, 205, 142
RGB Percent	33%, 80%, 56%
CMY	0.6706, 0.1961, 0.4431
CMYK	0.59, 0.00, 0.31, 0.20
HSL	149°, 55%, 57%
HSV	149°, 59%, 80%
XYZ	30.3700, 47.5005, 33.1590
YIQ	161.6390, -51.8930, -45.2450

# Conversions

## Conversions Part 2

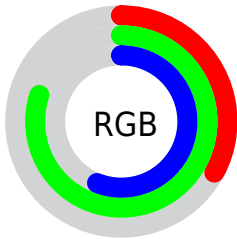
Format	Color
<a href="#">RYB</a>	<a href="#">84, 166, 205</a>
Decimal	<a href="#">5557646</a>
CIELab	<a href="#">74.51, -48.30, 21.49</a>
CIELCh	<a href="#">75, 52.863, 156.012</a>
Yxy	<a href="#">47.5005, 0.2735, 0.4278</a>
Android (android.graphics.Color)	<a href="#">4283747726 (0xFF54CD8E)</a>
YUV	<a href="#">161.6390, -9.6820, -68.0894</a>
Hunter-Lab	<a href="#">68.9206, -41.9547, 19.7188</a>

# Details

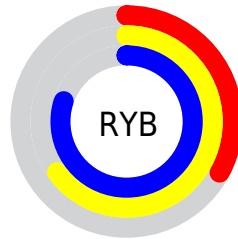
The Hex color **54CD8E** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CD5493**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **8FFFC4**, and **00965B** is the 20% darker color. If you saturate the color by 10%, you get **3FCD83**, and if you desaturate by 10%, it is **69CD99**.

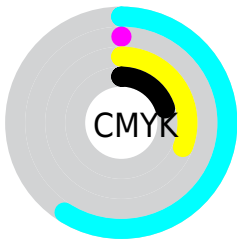
# Distribution



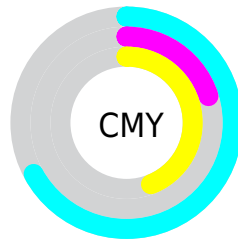
- Red (33%)
- Green (80%)
- Blue (56%)



- Red (33%)
- Yellow (65%)
- Blue (80%)



- Cyan (59%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (67%)
- Magenta (20%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54CD8E 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 54CD8E by changing the saturation by 10% instead.



 54CD8E

 54CD8E

FFFFFF

 33B174

 8FFFC4

 00965B

 ACFFE0

 007B43

 CAFFFD

 00612D

 E8FFFF

 004817

 003100

 001800

 000000

 54CD8E

 54CD8E

 3FCD83

 69CD99

 2BCD79

 7DCDA3

 16CD6E

 92CDAE

 02CD63

 A6CDB9

 00CD62

 BBCDC3

 CFCDCE

 E4CDD9

 F8CDE3

 FFCDEE

# Harmonies

## Analogous

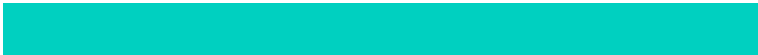
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97C566



54CD8E



00D0C0

# Triad

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



54CD8E



76B9FF



FF9681

# Complementary

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



54CD8E



CD5493

# 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.



FF8EAF



54CD8E



C8A7FF

# Square

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



54CD8E



00C7FF



FB95E0



F4A75E

# Rectangle

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



54CD8E



00CFE0



FB95E0



FF928F

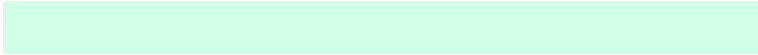


# Sweetspot

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



54CD8E



D1FFE7



95CD54



638071



000000



808080



# Same Dimension

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



54CD8E



4AFFA1



54CDC9



5C6661



00A64F



002612



# Inverse Universe

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



CD5493



FF4AA8



CD5458



665C61



A60056



260014



# Previews

## White Background



This preview shows how the Hex color 54CD8E looks on a white background.

## Color Contrast Check

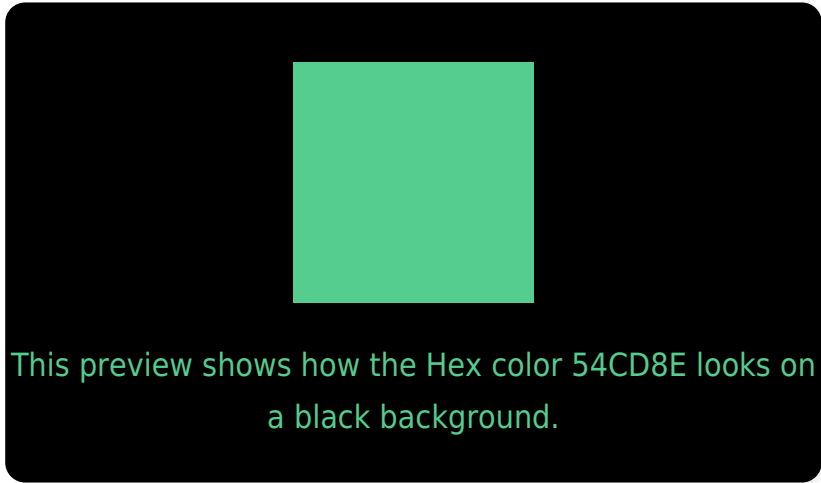
Large Text (above 18pt) WCAG AA × Fail

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

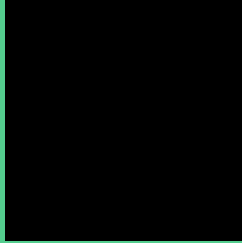
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54CD8E Background



This preview shows how black text looks on a background with the Hex color 54CD8E.

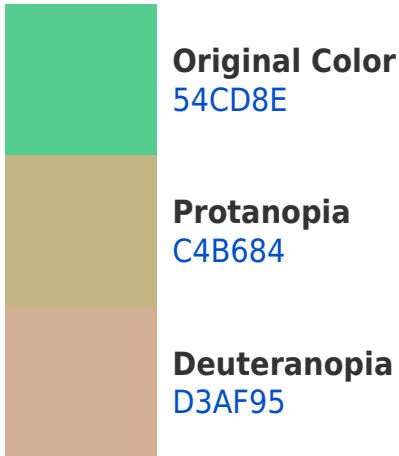


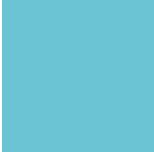
This preview shows how white text looks on a background with the Hex color 54CD8E.

# 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**  
6AC4D4

# Trichromacy



**Original Color**  
54CD8E



**Protanomaly**  
9BBE88



**Deuteranomaly**  
A5BA92



**Tritanomaly**  
62C7BB

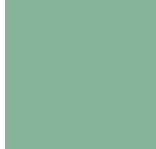
# Monochromacy



**Original Color**  
54CD8E



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
86B29B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54CD8E 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 #54CD8E looks like.

```
.text, #text, p{  
    color:#54CD8E  
}
```

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 #54CD8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54CD8E
}
```

## Border

The CSS property to change the border of an element to Hex 54CD8E 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
#54CD8E }
```

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

```
.border{ border-color:#54CD8E }
```

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

Here you see how a box with a 4 pixel #54CD8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54CD8E; -webkit-box-shadow:4px 4px  
4px 4px #54CD8E; box-shadow:4px 4px 4px  
4px #54CD8E }
```

# Background

The CSS property to change the background color of an element to Hex 54CD8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54CD8E }
```

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

```
.background{ background-color:#54CD8E }
```

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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