

# Converting Colors

Hex(52CDAD)

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

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**Color**

**Hex(52CDAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52CDAD
RGB	82, 205, 173
RGB Percent	32%, 80%, 68%
CMY	0.6784, 0.1961, 0.3216
CMYK	0.60, 0.00, 0.16, 0.20
HSL	164°, 55%, 56%
HSV	164°, 60%, 80%
XYZ	32.8538, 48.4736, 47.1599
YIQ	164.5750, -63.0360, -36.0280

# Conversions

## Conversions Part 2

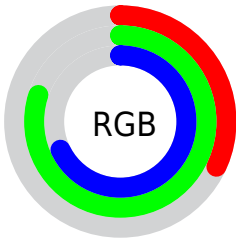
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 153, 205
Decimal	5426605
CIELab	75.12, -41.87, 5.79
CIElCh	75, 42.266, 172.131
Yxy	48.4736, 0.2557, 0.3773
Android (android.graphics.Color)	4283616685 (0xFF52CDAD)
YUV	164.5750, 4.1535, -72.4183
Hunter-Lab	69.6230, -37.6093, 8.5753

# Details

The Hex color **52CDAD** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CD5272**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8EFFE4**, and **009679** is the 20% darker color. If you saturate the color by 10%, you get **3ECDA8**, and if you desaturate by 10%, it is **67CDB2**.

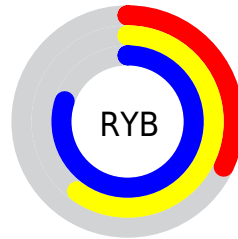
# Distribution



Red (32%)

Green (80%)

Blue (68%)



Red (32%)

Yellow (60%)

Blue (80%)

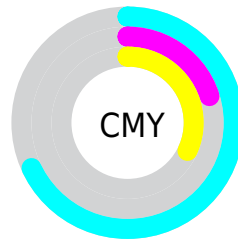


Cyan (60%)

Magenta (0%)

Yellow (16%)

Black (20%)



Cyan (68%)

Magenta (20%)

Yellow (32%)

# Brightness & Saturation Gradients

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



 52CDAD

 52CDAD

FFFFFF

 30B192

 8EFFE4

 009679

 ACFFFF

 007C60

 C9FFFF

 006248

 E7FFFF

 004932

 00321D

 001B04

 000000

 52CDAD

 52CDAD

 3ECDA8

 67CDB2

 29CDA2

 7BCDB8

 14CD9D

 90CDBD

 00CD98

 A4CDC2

 B9CDC8

 CDCDCD

 E2CDD2

 F6CDD8

 FFCDDD

# Harmonies

## Analogous

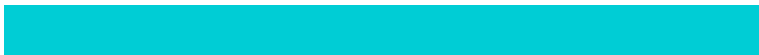
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88C888



52CDAD



00CDD5

# Triad

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



52CDAD



AEB3FF



F8A67D

# Complementary

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



52CDAD



CD5272

# 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.



FF9C9E



52CDAD



E0A5E9

# Square

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



52CDAD



6BC0FF



FD9BC5



DBB36B

# Rectangle

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



52CDAD



00CBEC



FD9BC5



FEA287

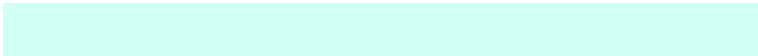


# Sweetspot

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



52CDAD



D1FFF3



73CD52



638078



000000



808080



# Same Dimension

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



52CDAD



47FFCF



52B0CD



5C6663



00A67B



00261C



# Inverse Universe

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



CD5272



FF4777



CD6F52



665C5E



A6002B

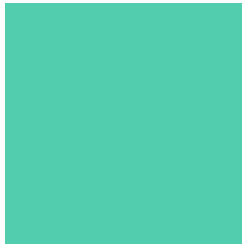


26000A



# Previews

## White Background



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

## Color Contrast Check

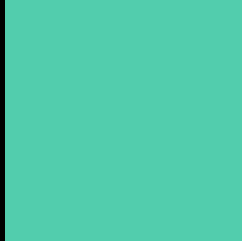
Large Text (above 18pt) WCAG AA × Fail

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 52CDAD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

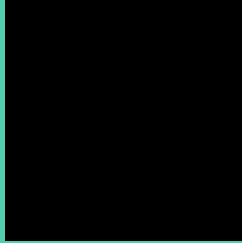
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

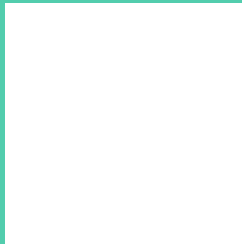
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52CDAD Background



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

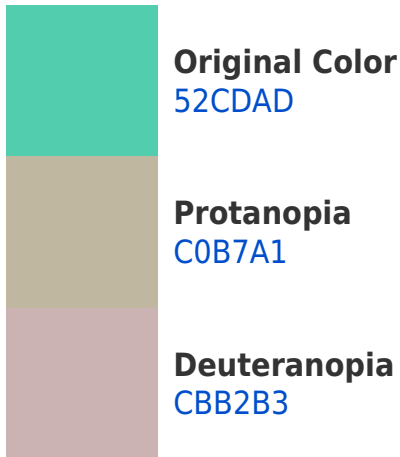


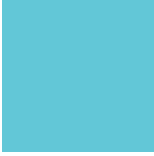
This preview shows how white text looks on a background with the Hex color 52CDAD.

# 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**  
62C7D7

# Trichromacy



**Original Color**  
52CDAD



**Protanomaly**  
98BFA5



**Deuteranomaly**  
9FBCB1

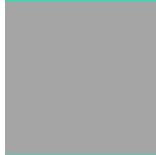


**Tritanomaly**  
5CC9C8

# Monochromacy



**Original Color**  
52CDAD



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
87B4A8

# CSS Examples

## Text

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

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

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 #52CDAD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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