

Converting Colors

Hex(56CDA9)

Have a look what the booklet for
Hex(56CDA9) contains.

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Color

Hex(56CDA9)

Conversions

Conversions Part 1

Format	Color
Hex	56CDA9
RGB	86, 205, 169
RGB Percent	34%, 80%, 66%
CMY	0.6627, 0.1961, 0.3373
CMYK	0.58, 0.00, 0.18, 0.20
HSL	162°, 54%, 57%
HSV	162°, 58%, 80%
XYZ	32.8305, 48.5056, 45.1683
YIQ	165.3150, -59.3680, -36.4240

Conversions

Conversions Part 2

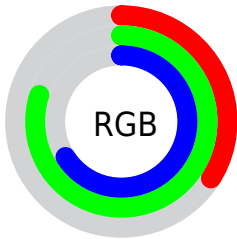
Format	Color
RYB	86, 156, 205
Decimal	5688745
CIELab	75.14, -42.04, 7.98
CIELCh	75, 42.789, 169.249
Yxy	48.5056, 0.2595, 0.3834
Android (android.graphics.Color)	4283878825 (0xFF56CDA9)
YUV	165.3150, 1.8167, -69.5593
Hunter-Lab	69.6460, -37.7372, 10.3002

Details

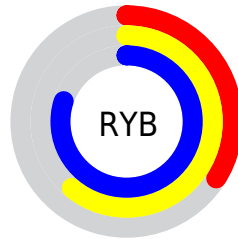
The Hex color **56CDA9** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CD567A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **91FFE0**, and **009675** is the 20% darker color. If you saturate the color by 10%, you get **42CDA3**, and if you desaturate by 10%, it is **6BCDAF**.

Distribution



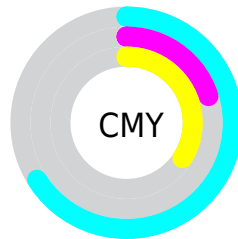
- Red (34%)
- Green (80%)
- Blue (66%)



- Red (34%)
- Yellow (61%)
- Blue (80%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (66%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56CDA9 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 56CDA9 by changing the saturation by 10% instead.

 56CDA9

 56CDA9

FFFFFF

 35B18F

 91FFE0

 009675

 AFFFFD

 007C5C

 CCFFFF

 006245

 EAFFFF

 00492E

 00321A

 001B00

 000000

 56CDA9

 56CDA9

 42CDA3

 6BCDAF

 2DCD9D

 7FCDB5

 19CD96

 94CDBC

 04CD90

 A8CDC2

 00CD8F

 BDCDC8

 D1CDCE

 E6CDD4

 FACDDB

 FFCDE1

Harmonies

Analogous

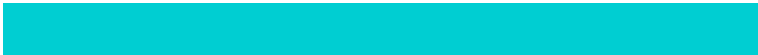
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CC884



56CDA9



00CED2

Triad

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



56CDA9



A8B4FF



FAA47F

Complementary

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



56CDA9



CD567A

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.



FF9BA1



56CDA9



DDA6ED

Square

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



56CDA9



62C1FF



FC9BC9



DFB26B

Rectangle

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



56CDA9



00CCEA



FC9BC9



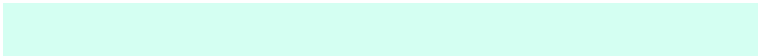
FFA089

Sweetspot

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



56CDA9



D4FFF2



7CCD56



668078



000000



808080

Same Dimension

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



56CDA9



4DFFC9



56B7CD



5C6663



00A674



00261B

Inverse Universe

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



CD567A



FF4D83



CD6C56



665C5F



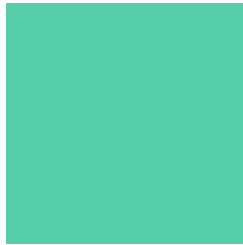
A60032



26000C

Previews

White Background



This preview shows how the Hex color 56CDA9 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 56CDA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

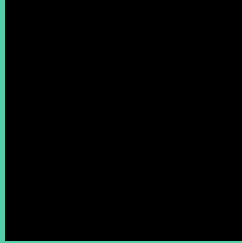
Any Text WCAG AA ✓ Pass

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 56CDA9 Background



This preview shows how black text looks on a background with the Hex color 56CDA9.

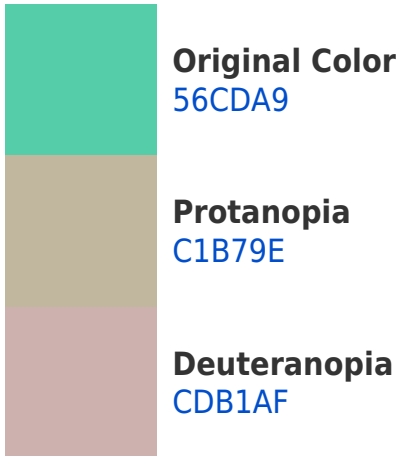


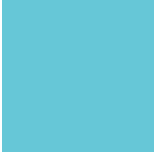
This preview shows how white text looks on a background with the Hex color 56CDA9.

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
66C7D7

Trichromacy



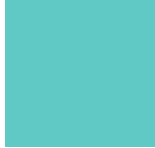
Original Color
56CDA9



Protanomaly
9ABFA2



Deuteranomaly
A2BBAD



Tritanomaly
60C9C6

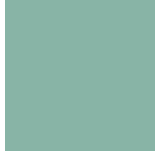
Monochromacy



Original Color
56CDA9



Achromatopsia
A5A5A5



Achromatomaly
88B4A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 56CDA9 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 #56CDA9 looks like.

```
.text, #text, p{  
    color:#56CDA9  
}
```

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 #56CDA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56CDA9
}
```

Border

The CSS property to change the border of an element to Hex 56CDA9 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
#56CDA9 }
```

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

```
.border{ border-color:#56CDA9 }
```

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

Here you see how a box with a 4 pixel #56CDA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56CDA9; -webkit-box-shadow:4px 4px  
4px 4px #56CDA9; box-shadow:4px 4px 4px  
4px #56CDA9 }
```

Background

The CSS property to change the background color of an element to Hex 56CDA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56CDA9 }
```

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

```
.background{ background-color:#56CDA9 }
```

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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