

Converting Colors

Hex(58DACD)

Have a look what the booklet for
Hex(58DACD) contains.

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Color

Hex(58DACD)

Conversions

Conversions Part 1

Format	Color
Hex	58DACD
RGB	88, 218, 205
RGB Percent	35%, 85%, 80%
CMY	0.6549, 0.1451, 0.1961
CMYK	0.60, 0.00, 0.06, 0.15
HSL	174°, 64%, 60%
HSV	174°, 60%, 85%
XYZ	40.1154, 56.6253, 66.5731
YIQ	177.6480, -73.3070, -31.6030

Conversions

Conversions Part 2

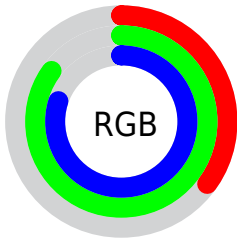
Format	Color
RYB	88, 156, 218
Decimal	5823181
CIELab	79.97, -38.60, -4.29
CIELCh	80, 38.840, 186.337
Yxy	56.6253, 0.2456, 0.3467
Android (android.graphics.Color)	4284013261 (0xFF58DACD)
YUV	177.6480, 13.4845, -78.6213
Hunter-Lab	75.2498, -36.5295, 0.2213

Details

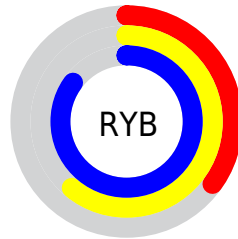
The Hex color **58DACD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA5865**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **96FFFF**, and **00A297** is the 20% darker color. If you saturate the color by 10%, you get **42DACB**, and if you desaturate by 10%, it is **6EDACF**.

Distribution



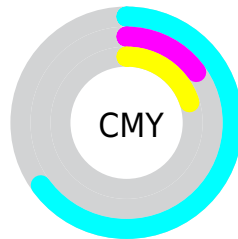
- Red (35%)
- Green (85%)
- Blue (80%)



- Red (35%)
- Yellow (61%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58DACD 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 58DACD by changing the saturation by 10% instead.

 58DACD

 58DACD

FFFFFF

 34BEB2

 96FFFF

 00A297

 B4FFFF

 00887D

 D2FFFF

 006E64

 F0FFFF

 00554C

 003D36

 002720

 00000A

 000000

 58DACD

 58DACD

 42DACB

 6EDACF

 2CDAC9

 84DAD1

 17DAC6

 99DAD4

 01DAC4

 AFDAD6

 00DAC4

 C5DAD8

 DBDADA

 F1DADC

 FFDADE

 FFDAE1

Harmonies

Analogous

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



85D7A8



58DACD



41D8F0

Triad

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



58DACD



D5BAFF



F7BA85

Complementary

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



58DACD



DA5865

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.



FFAF9D



58DACD



FBAFE4

Square

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



58DACD



A0C7FF



FFAAC0



D7C77E

Rectangle

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



58DACD



55D4FF



FFAAC0



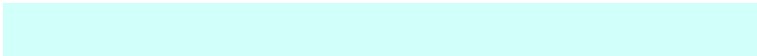
FFB68B

Sweetspot

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



58DACD



D1FFFA



65DA58



63807D



000000



808080

Same Dimension

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



58DACD



47FFED



58A6DA



636E6D



00AD9C



002E29

Inverse Universe

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



DA5865



FF475A



DA8C58



6E6364



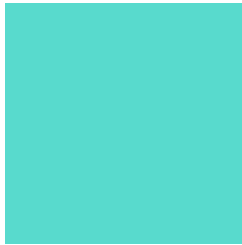
AD0011



2E0005

Previews

White Background



This preview shows how the Hex color 58DACD looks on a white background.

Color Contrast Check

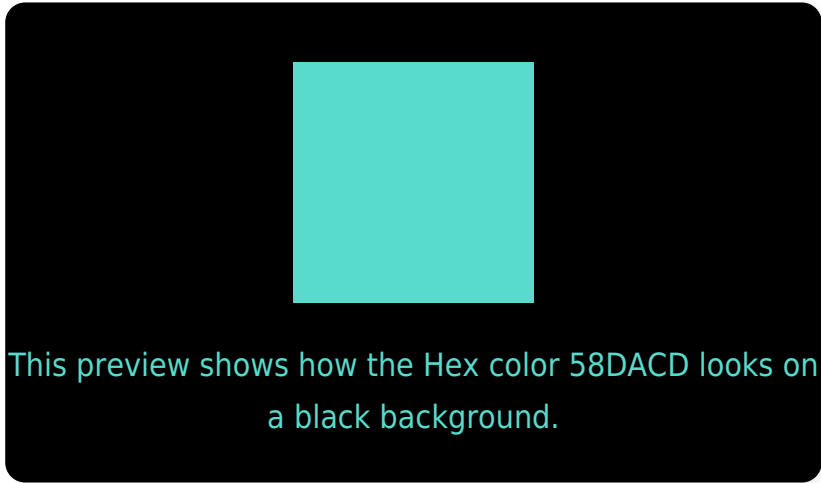
Large Text (above 18pt) WCAG AA × Fail

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

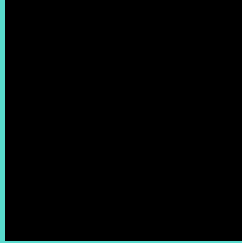
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

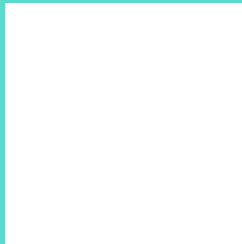
Any Text WCAG AAA ✓ Pass

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

Hex 58DACD Background



This preview shows how black text looks on a background with the Hex color 58DACD.

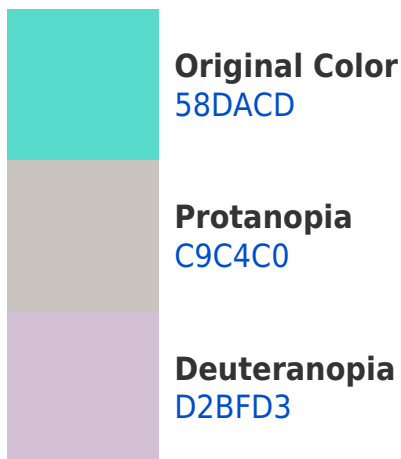


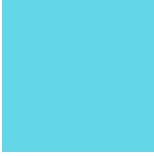
This preview shows how white text looks on a background with the Hex color 58DACD.

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
63D6E7

Trichromacy



Original Color
58DACD



Protanomaly
A0CCC5



Deuteranomaly
A6C9D1



Tritanomaly
5FD7DE

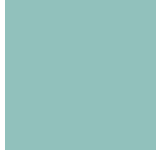
Monochromacy



Original Color
58DACD



Achromatopsia
B2B2B2



Achromatomaly
91C1BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 58DACD 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 #58DACD looks like.

```
.text, #text, p{  
  color:#58DACD  
}
```

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 #58DACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58DACD
}
```

Border

The CSS property to change the border of an element to Hex 58DACD 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
#58DACD }
```

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

```
.border{ border-color:#58DACD }
```

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

Here you see how a box with a 4 pixel #58DACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58DACD; -webkit-box-shadow:4px 4px  
4px 4px #58DACD; box-shadow:4px 4px 4px  
4px #58DACD }
```

Background

The CSS property to change the background color of an element to Hex 58DACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58DACD }
```

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

```
.background{ background-color:#58DACD }
```

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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