

Converting Colors

Hex(56D899)

Have a look what the booklet for
Hex(56D899) contains.

Hex(56D899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(56D899)

Conversions

Conversions Part 1

Format	Color
Hex	56D899
RGB	86, 216, 153
RGB Percent	34%, 85%, 60%
CMY	0.6627, 0.1529, 0.4000
CMYK	0.60, 0.00, 0.29, 0.15
HSL	151°, 62%, 59%
HSV	151°, 60%, 85%
XYZ	34.1434, 53.3901, 38.6428
YIQ	169.9480, -57.2570, -47.1530

Conversions

Conversions Part 2

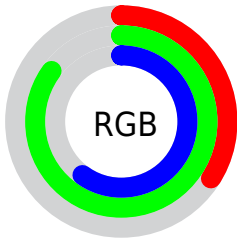
Format	Color
RYB	86, 172, 216
Decimal	5691545
CIELab	78.10, -50.19, 20.65
CIELCh	78, 54.271, 157.637
Yxy	53.3901, 0.2706, 0.4231
Android (android.graphics.Color)	4283881625 (0xFF56D899)
YUV	169.9480, -8.3554, -73.6224
Hunter-Lab	73.0685, -44.4606, 19.7921

Details

The Hex color **56D899** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D85695**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **92FFD0**, and **00A066** is the 20% darker color. If you saturate the color by 10%, you get **40D88F**, and if you desaturate by 10%, it is **6CD8A3**.

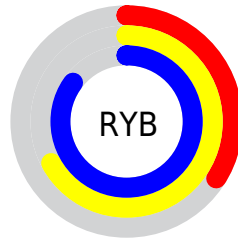
Distribution



Red (34%)

Green (85%)

Blue (60%)



Red (34%)

Yellow (67%)

Blue (85%)

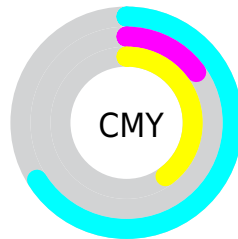


Cyan (60%)

Magenta (0%)

Yellow (29%)

Black (15%)



Cyan (66%)

Magenta (15%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56D899 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 56D899 by changing the saturation by 10% instead.

 56D899

 56D899

FFFFFF

 34BC7F

 92FFD0

 00A066

 B0FFEC

 00854D

 CEFFFF

 006B36

 ECFFFF

 005220

 00390A

 002300

 000000

 56D899

 56D899

 40D88F

 6CD8A3

 2BD884

 81D8AE

 15D87A

 97D8B8

 00D86F

 ACD8C3

 C2D8CD

 D8D8D8

 EDD8E2

 FFD8ED

 FFD8F7

Harmonies

Analogous

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



9DD06E



56D899



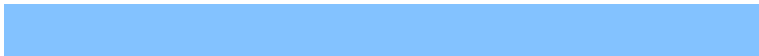
00DBCD

Triad

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



56D899



83C2FF



FF9F86

Complementary

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



56D899



D85695

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.



FF97B6



56D899



D6AFFF

Square

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



56D899



00D1FF



FF9DE9



FEB164

Rectangle

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



56D899



00DAEE



FF9DE9



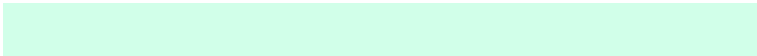
FF9B95

Sweetspot

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



56D899



D1FFE9



97D856



638072



000000



808080

Same Dimension

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



56D899



47FFA6



56D8D8



606B66



00AB58



002B16

Inverse Universe

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



D85695



FF47A0



D85656



6B6066



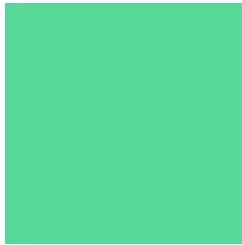
AB0053



2B0015

Previews

White Background



This preview shows how the Hex color 56D899 looks on a white background.

Color Contrast Check

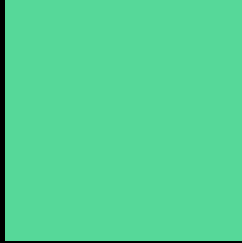
Large Text (above 18pt) WCAG AA × Fail

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 56D899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

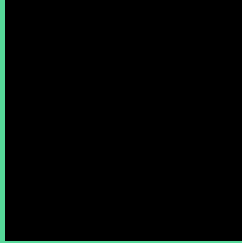
Any Text WCAG AA ✓ Pass

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 56D899 Background



This preview shows how black text looks on a background with the Hex color 56D899.

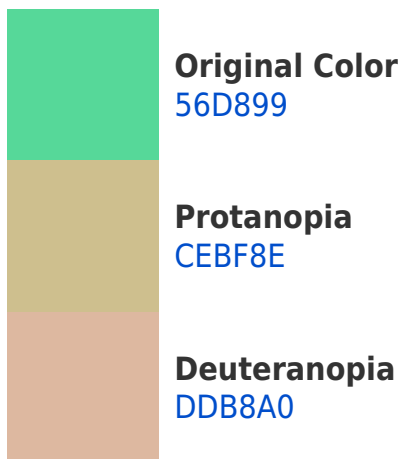


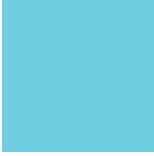
This preview shows how white text looks on a background with the Hex color 56D899.

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
6DCFEO

Trichromacy



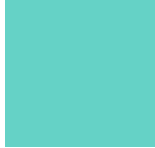
Original Color
56D899



Protanomaly
A2C892



Deuteranomaly
ACC49D



Tritanomaly
65D2C6

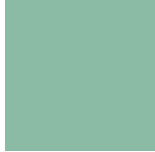
Monochromacy



Original Color
56D899



Achromatopsia
AAAAAA



Achromatomaly
8BBBA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 56D899 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 #56D899 looks like.

```
.text, #text, p{  
    color:#56D899  
}
```

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 #56D899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D899
}
```

Border

The CSS property to change the border of an element to Hex 56D899 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
#56D899 }
```

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

```
.border{ border-color:#56D899 }
```

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

Here you see how a box with a 4 pixel #56D899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D899; -webkit-box-shadow:4px 4px  
4px 4px #56D899; box-shadow:4px 4px 4px  
4px #56D899 }
```

Background

The CSS property to change the background color of an element to Hex 56D899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D899 }
```

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

```
.background{ background-color:#56D899 }
```

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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