

Converting Colors

Hex(59B285)

Have a look what the booklet for
Hex(59B285) contains.

Hex(59B285)	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(59B285)

Conversions

Conversions Part 1

Format	Color
Hex	59B285
RGB	89, 178, 133
RGB Percent	35%, 70%, 52%
CMY	0.6510, 0.3020, 0.4784
CMYK	0.50, 0.00, 0.25, 0.30
HSL	150°, 37%, 52%
HSV	150°, 50%, 70%
XYZ	24.2739, 35.6581, 27.7936
YIQ	146.2590, -38.5990, -32.8630

Conversions

Conversions Part 2

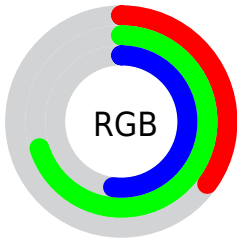
Format	Color
RYB	89, 149, 178
Decimal	5878405
CIELab	66.26, -37.33, 14.95
CIELCh	66, 40.216, 158.171
Yxy	35.6581, 0.2767, 0.4065
Android (android.graphics.Color)	4284068485 (0xFF59B285)
YUV	146.2590, -6.5367, -50.2161
Hunter-Lab	59.7144, -31.9401, 14.2040

Details

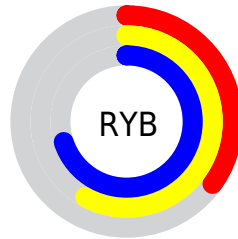
The Hex color **59B285** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B25986**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **90EABA**, and **1E7D53** is the 20% darker color. If you saturate the color by 10%, you get **47B27C**, and if you desaturate by 10%, it is **6BB28E**.

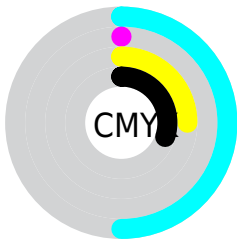
Distribution



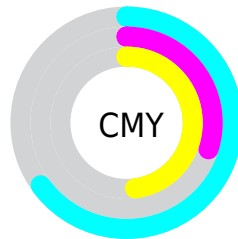
- Red (35%)
- Green (70%)
- Blue (52%)



- Red (35%)
- Yellow (58%)
- Blue (70%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (30%)



- Cyan (65%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59B285 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 59B285 by changing the saturation by 10% instead.

 59B285

 59B285

FFFFFF

 3D976C

 90EABA

 1E7D53

 ACFFD6

 00633C

 C9FFF2

 004A26

 E6FFFF

 003311

 001E00

 000000

 59B285

 59B285

 47B27C

 6BB28E

 35B273

 7DB297

 24B26A

 8EB2A0

 12B261

 A0B2A9

 00B258

 B2B2B2

 C4B2BB

 D6B2C4

 E7B2CD

 F9B2D6

Harmonies

Analogous

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



87AC67



59B285



07B4AA

Triad

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



59B285



7BA1E8



E28A76

Complementary

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



59B285



B25986

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.



E68498



59B285



B294DA

Square

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



59B285



2DACE3



D688BD



CE965E

Rectangle

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



59B285



00B3C2



D688BD



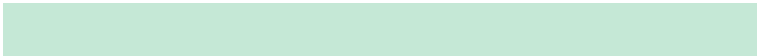
E68781

Sweetspot

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



59B285



C5E8D6



87B259



60756B



F5F5F5



757575

Same Dimension

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



59B285



5DE8A2



59B2B1



505955



00994C



001A0D

Inverse Universe

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



B25986



E85DA3



B2595A



595055



99004D



1A000D

Previews

White Background



This preview shows how the Hex color 59B285 looks on a white background.

Color Contrast Check

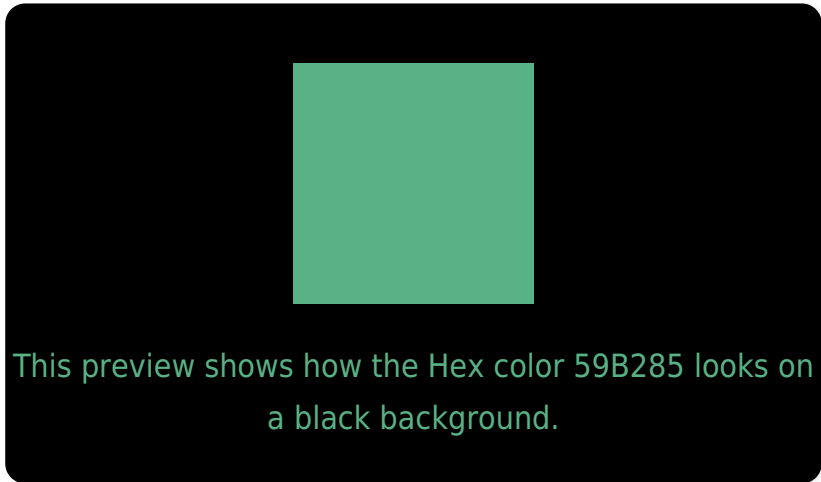
Large Text (above 18pt) WCAG AA × Fail

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

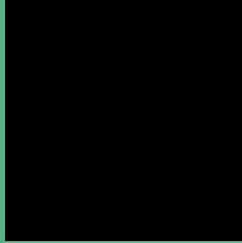
Any Text WCAG AA ✓ Pass

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 59B285 Background



This preview shows how black text looks on a background with the Hex color 59B285.

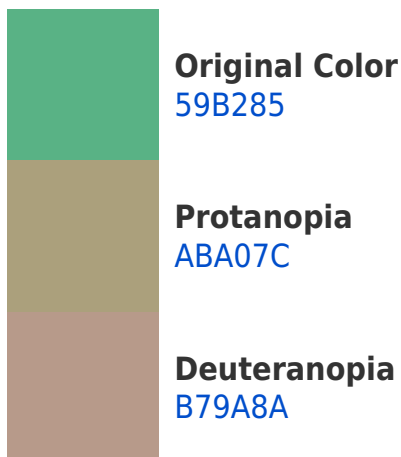


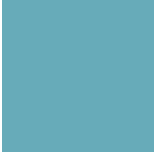
This preview shows how white text looks on a background with the Hex color 59B285.

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
67ABB9

Trichromacy



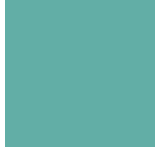
Original Color
59B285



Protanomaly
8DA77F



Deuteranomaly
95A388



Tritanomaly
62AEA6

Monochromacy



Original Color
59B285



Achromatopsia
929292



Achromatomaly
7D9E8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 59B285 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 #59B285 looks like.

```
.text, #text, p{  
    color:#59B285  
}
```

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 #59B285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B285
}
```

Border

The CSS property to change the border of an element to Hex 59B285 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
#59B285 }
```

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

```
.border{ border-color:#59B285 }
```

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

Here you see how a box with a 4 pixel #59B285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B285; -webkit-box-shadow:4px 4px  
4px 4px #59B285; box-shadow:4px 4px 4px  
4px #59B285 }
```

Background

The CSS property to change the background color of an element to Hex 59B285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B285 }
```

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

```
.background{ background-color:#59B285 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor