

Converting Colors

Hex(59C2B3)

Have a look what the booklet for
Hex(59C2B3) contains.

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Color

Hex(59C2B3)

Conversions

Conversions Part 1

Format	Color
Hex	59C2B3
RGB	89, 194, 179
RGB Percent	35%, 76%, 70%
CMY	0.6510, 0.2392, 0.2980
CMYK	0.54, 0.00, 0.08, 0.24
HSL	171°, 46%, 55%
HSV	171°, 54%, 76%
XYZ	31.5483, 43.9621, 49.4706
YIQ	160.8950, -57.7650, -26.9250

Conversions

Conversions Part 2

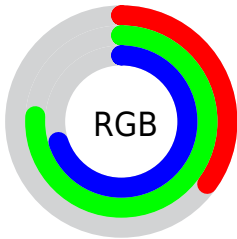
Format	Color
R_{YB}	89, 146, 194
Decimal	5882547
CIE _{Lab}	72.20, -33.99, -1.68
CIE _{LCh}	72, 34.036, 182.828
Yxy	43.9621, 0.2524, 0.3518
Android (android.graphics.Color)	4284072627 (0xFF59C2B3)
YUV	160.8950, 8.9258, -63.0519
Hunter-Lab	66.3039, -31.0992, 2.1754

Details

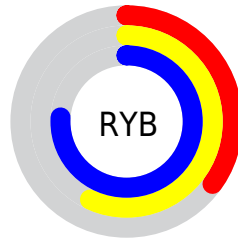
The Hex color **59C2B3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C25968**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **93FBEB**, and **118C7E** is the 20% darker color. If you saturate the color by 10%, you get **46C2B0**, and if you desaturate by 10%, it is **6CC2B6**.

Distribution



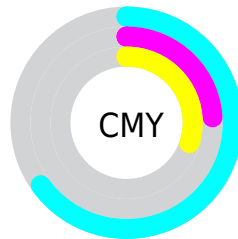
- Red (35%)
- Green (76%)
- Blue (70%)



- Red (35%)
- Yellow (57%)
- Blue (76%)



- Cyan (54%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (65%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C2B3 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 59C2B3 by changing the saturation by 10% instead.


 59C2B3

 59C2B3

FFFFFF

 3AA798

 93FBEB

 118C7E

 B0FFFF

 007265

 CDFFFF

 00594E

 EBFFFF

 004137

 002A22

 000F0C

 000000

 59C2B3

 59C2B3

 46C2B0

 6CC2B6

 32C2AD

 80C2B9

 1FC2AB

 93C2BB

 0BC2A8

 A7C2BE

 00C2A6

 BAC2C1

 CDC2C4

 E1C2C6

 F4C2C9

 FFC2CC

Harmonies

Analogous

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



7EBF94



59C2B3



44C1D2

Triad

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



59C2B3



B9A8E5



DEA57B

Complementary

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



59C2B3



C25968

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.



ED9D91



59C2B3



DB9ECE

Square

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



59C2B3



8BB3EF



ED99AF



C3B073

Rectangle

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



59C2B3



50BEE2



ED99AF



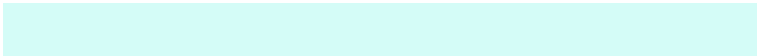
E4A281

Sweetspot

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



59C2B3



D4FCF7



69C259



67807C



000000



808080

Same Dimension

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



59C2B3



58FCE5



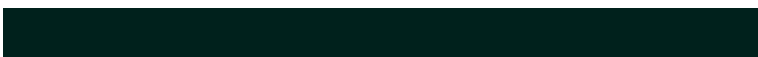
599DC2



576160



00A18A



00211C

Inverse Universe

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



C25968



FC5870



C27E59



615759



A10017



210005

Previews

White Background



This preview shows how the Hex color 59C2B3 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 59C2B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

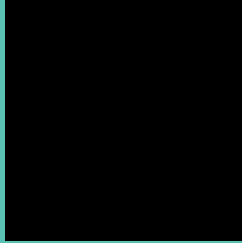
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

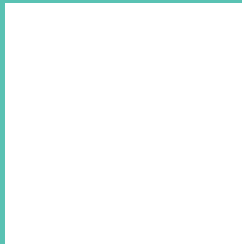
Any Text WCAG AAA ✓ Pass

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

Hex 59C2B3 Background



This preview shows how black text looks on a background with the Hex color 59C2B3.

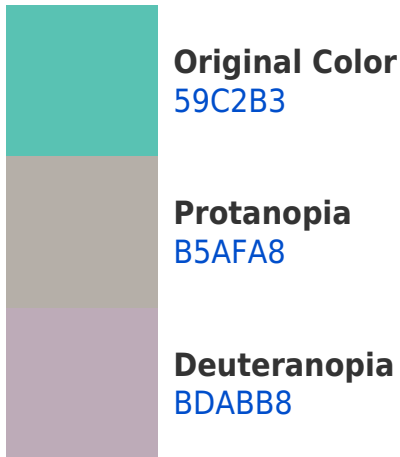


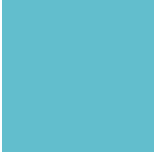
This preview shows how white text looks on a background with the Hex color 59C2B3.

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
62BECD

Trichromacy



Original Color
59C2B3



Protanomaly
94B6AC



Deuteranomaly
99B3B6

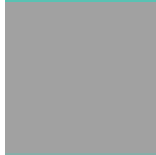


Tritanomaly
5FBFC4

Monochromacy



Original Color
59C2B3



Achromatopsia
A1A1A1



Achromatomaly
87ADA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 59C2B3 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 #59C2B3 looks like.

```
.text, #text, p{  
    color:#59C2B3  
}
```

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 #59C2B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C2B3
}
```

Border

The CSS property to change the border of an element to Hex 59C2B3 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
#59C2B3 }
```

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

```
.border{ border-color:#59C2B3 }
```

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

Here you see how a box with a 4 pixel #59C2B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C2B3; -webkit-box-shadow:4px 4px  
4px 4px #59C2B3; box-shadow:4px 4px 4px  
4px #59C2B3 }
```

Background

The CSS property to change the background color of an element to Hex 59C2B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C2B3 }
```

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

```
.background{ background-color:#59C2B3 }
```

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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