

Converting Colors

Hex(59C2D1)

Have a look what the booklet for
Hex(59C2D1) contains.

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Color

Hex(59C2D1)

Conversions

Conversions Part 1

Format	Color
Hex	59C2D1
RGB	89, 194, 209
RGB Percent	35%, 76%, 82%
CMY	0.6510, 0.2392, 0.1804
CMYK	0.57, 0.07, 0.00, 0.18
HSL	188°, 57%, 58%
HSV	188°, 57%, 82%
XYZ	34.9202, 45.3109, 67.2270
YIQ	164.3150, -67.3950, -17.5950

Conversions

Conversions Part 2

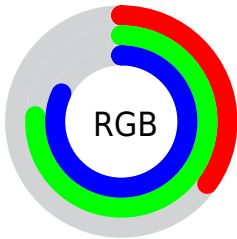
Format	Color
RYB	89, 145, 209
Decimal	5882577
CIELab	73.10, -25.93, -16.69
CIELCh	73, 30.833, 212.772
Yxy	45.3109, 0.2368, 0.3073
Android (android.graphics.Color)	4284072657 (0xFF59C2D1)
YUV	164.3150, 22.0297, -66.0513
Hunter-Lab	67.3133, -25.1977, -12.0946

Details

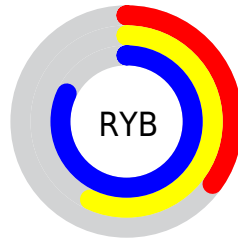
The Hex color **59C2D1** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D16859**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **95FBFF**, and **018C9B** is the 20% darker color. If you saturate the color by 10%, you get **44BFD1**, and if you desaturate by 10%, it is **6EC5D1**.

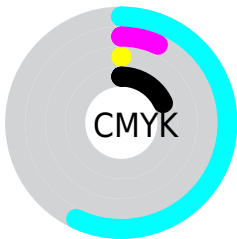
Distribution



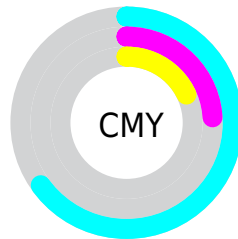
- Red (35%)
- Green (76%)
- Blue (82%)



- Red (35%)
- Yellow (57%)
- Blue (82%)



- Cyan (57%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (65%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C2D1 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 59C2D1 by changing the saturation by 10% instead.

 59C2D1

 59C2D1

FFFFFF

 38A7B5

 95FBFF

 018C9B

 B2FFFF

 007281

 D0FFFF

 005967

 EEEFFF

 00424F

 002B38

 001423

 00000C

 000000

■ 59C2D1

■ 59C2D1

■ 44BFD1

■ 6EC5D1

■ 2FBDD1

■ 83C7D1

■ 1ABAD1

■ 98CAD1

■ 05B8D1

■ ADCCD1

■ 00B7D1

■ C2CFD1

■ D6D2D1

■ EBD4D1

■ FFD7D1

■ FFDAD1

Harmonies

Analogous

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



67C3B5



59C2D1



6BBDE5

Triad

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



59C2D1



DAA2CE



C5B27B

Complementary

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



59C2D1



D16859

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.



DDA982



59C2D1



EA9EB2

Square

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



59C2D1



BBABE3



EBA196



A6BB83

Rectangle

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



59C2D1



85B8EB



EBA196



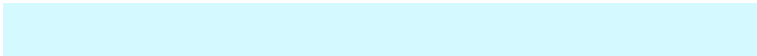
CEAF7C

Sweetspot

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



59C2D1



D4FAFF



59D167



667C80



000000



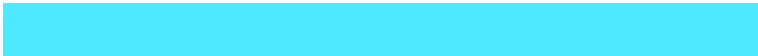
808080

Same Dimension

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



59C2D1



4FE9FF



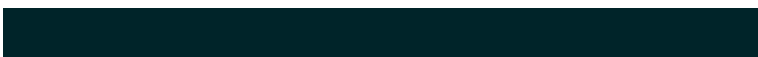
5987D1



5E6769



0093A8



002429

Inverse Universe

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



D159C2



FF4FE9



D1A359



695E67



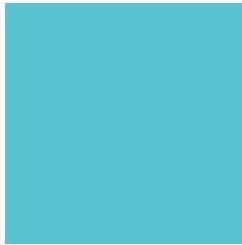
A80093



290024

Previews

White Background



This preview shows how the Hex color 59C2D1 looks on a white background.

Color Contrast Check

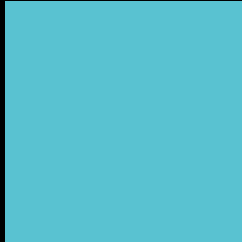
Large Text (above 18pt) WCAG AA × Fail

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 59C2D1 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 59C2D1 Background



This preview shows how black text looks on a background with the Hex color 59C2D1.

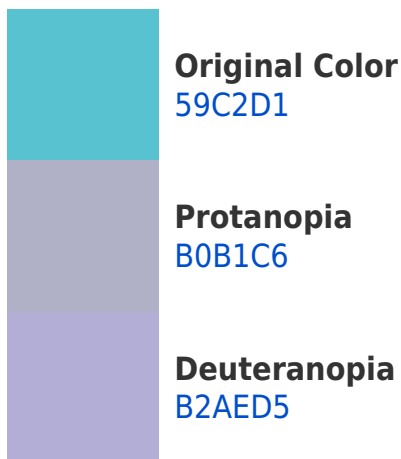


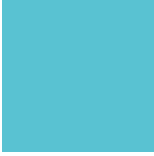
This preview shows how white text looks on a background with the Hex color 59C2D1.

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](#).

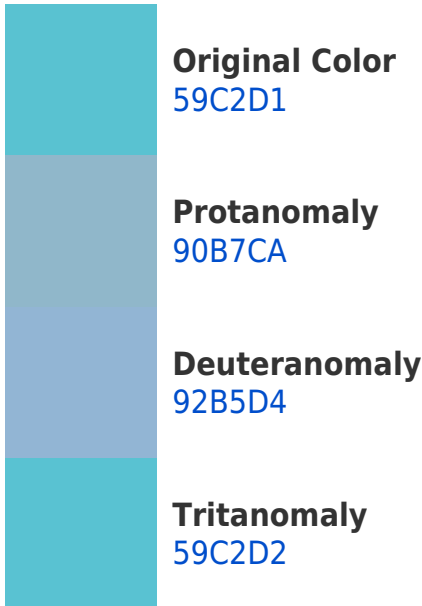
Dichromacy



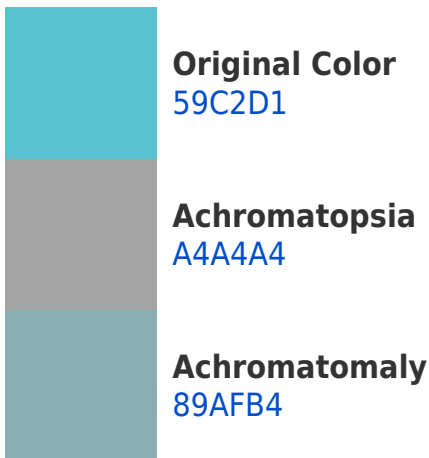


Tritanopia
59C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59C2D1 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 #59C2D1 looks like.

```
.text, #text, p{  
    color:#59C2D1  
}
```

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 #59C2D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C2D1
}
```

Border

The CSS property to change the border of an element to Hex 59C2D1 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
#59C2D1 }
```

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

```
.border{ border-color:#59C2D1 }
```

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

Here you see how a box with a 4 pixel #59C2D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C2D1; -webkit-box-shadow:4px 4px  
4px 4px #59C2D1; box-shadow:4px 4px 4px  
4px #59C2D1 }
```

Background

The CSS property to change the background color of an element to Hex 59C2D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C2D1 }
```

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

```
.background{ background-color:#59C2D1 }
```

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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