

Converting Colors

Hex(59D3EB)

Have a look what the booklet for
Hex(59D3EB) contains.

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Color

Hex(59D3EB)

Conversions

Conversions Part 1

Format	Color
Hex	59D3EB
RGB	89, 211, 235
RGB Percent	35%, 83%, 92%
CMY	0.6510, 0.1725, 0.0784
CMYK	0.62, 0.10, 0.00, 0.08
HSL	190°, 78%, 64%
HSV	190°, 62%, 92%
XYZ	42.4095, 54.7105, 86.9222
YIQ	177.2580, -80.4160, -18.4000

Conversions

Conversions Part 2

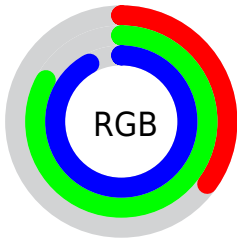
Format	Color
R_{YB}	89, 155, 235
Decimal	5886955
CIE _{Lab}	78.87, -26.87, -21.96
CIE _{LCh}	79, 34.699, 219.254
Yxy	54.7105, 0.2304, 0.2973
Android (android.graphics.Color)	4284077035 (0xFF59D3EB)
YUV	177.2580, 28.4668, -77.4023
Hunter-Lab	73.9666, -27.0967, -17.8984

Details

The Hex color **59D3EB** 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 **EB7159**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **98FFFF**, and **009CB3** is the 20% darker color. If you saturate the color by 10%, you get **42CFEB**, and if you desaturate by 10%, it is **70D7EB**.

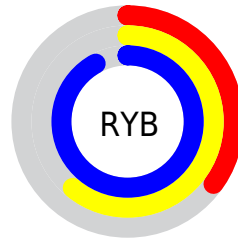
Distribution



Red (35%)

Green (83%)

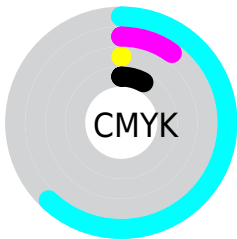
Blue (92%)



Red (35%)

Yellow (61%)

Blue (92%)

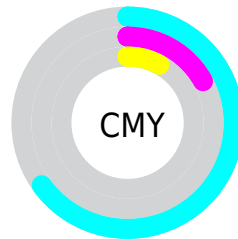


Cyan (62%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (65%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D3EB 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 59D3EB by changing the saturation by 10% instead.

 59D3EB

 59D3EB

FFFFFF

 34B7CF

 98FFFF

 009CB3

 B7FFFF

 008298

 D5FFFF

 00687E

 F4FFFF

 005065

 00394D

 002436

 000221

 000007

■ 59D3EB

■ 59D3EB

■ 42CFEB

■ 70D7EB

■ 2ACBEB

■ 88DBEB

■ 13C7EB

■ A0DFEB

■ 00C4EB

■ B7E2EB

■ CEE6EB

■ E6EAEB

■ FDEEEB

■ FFF2EB

■ FFF6EB

Harmonies

Analogous

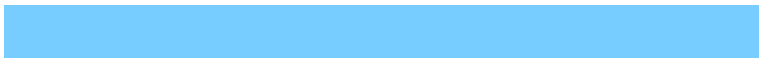
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64D5CC



59D3EB



77CDFE

Triad

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



59D3EB



F4AEDB



D0C483

Complementary

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



59D3EB



EB7159

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.



EDBA88



59D3EB



FFABBA

Square

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



59D3EB



D4B7F5



FFB09C



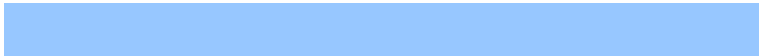
ACCD90

Rectangle

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



59D3EB



97C7FF



FFB09C



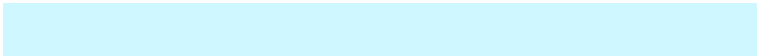
DAC183

Sweetspot

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



59D3EB



CFF7FF



59EB6F



627B80



000000



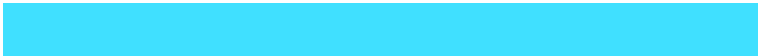
808080

Same Dimension

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



59D3EB



40E0FF



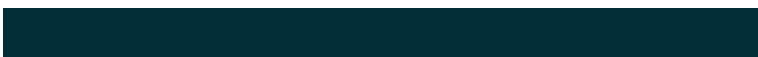
598CEB



6A7375



0097B5



002D36

Inverse Universe

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



EB59D3



FF40E0



EBB859



756A73



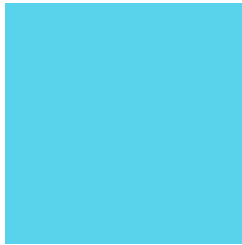
B50097



36002D

Previews

White Background



This preview shows how the Hex color 59D3EB looks on a white background.

Color Contrast Check

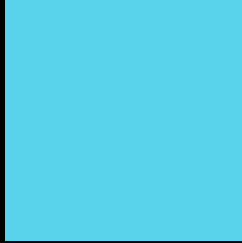
Large Text (above 18pt) WCAG AA × Fail

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 59D3EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

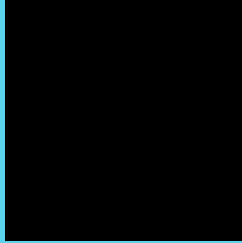
Any Text WCAG AA ✓ Pass

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 59D3EB Background



This preview shows how black text looks on a background with the Hex color 59D3EB.



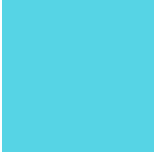
This preview shows how white text looks on a background with the Hex color 59D3EB.

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](#).

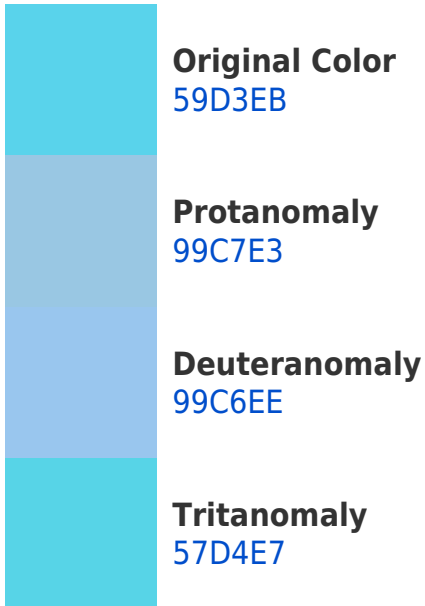
Dichromacy



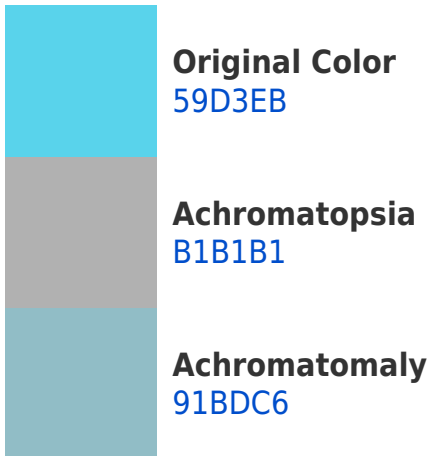


Tritanopia
56D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59D3EB 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 #59D3EB looks like.

```
.text, #text, p{  
    color:#59D3EB  
}
```

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 #59D3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D3EB
}
```

Border

The CSS property to change the border of an element to Hex 59D3EB 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
#59D3EB }
```

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

```
.border{ border-color:#59D3EB }
```

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

Here you see how a box with a 4 pixel #59D3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D3EB; -webkit-box-shadow:4px 4px  
4px 4px #59D3EB; box-shadow:4px 4px 4px  
4px #59D3EB }
```

Background

The CSS property to change the background color of an element to Hex 59D3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D3EB }
```

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

```
.background{ background-color:#59D3EB }
```

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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