

Converting Colors

Hex(59EBD6)

Have a look what the booklet for
Hex(59EBD6) contains.

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Color

Hex(59EBD6)

Conversions

Conversions Part 1

Format	Color
Hex	59EBD6
RGB	89, 235, 214
RGB Percent	35%, 92%, 84%
CMY	0.6510, 0.0784, 0.1608
CMYK	0.62, 0.00, 0.09, 0.08
HSL	171°, 78%, 64%
HSV	171°, 62%, 92%
XYZ	45.9658, 66.3955, 74.0113
YIQ	188.9520, -80.2750, -37.4830

Conversions

Conversions Part 2

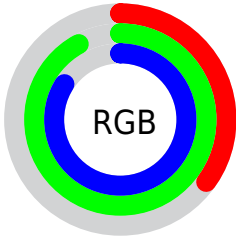
Format	Color
RYB	89, 168, 235
Decimal	5893078
CIELab	85.20, -43.73, -1.37
CIELCh	85, 43.753, 181.796
Yxy	66.3955, 0.2466, 0.3563
Android (android.graphics.Color)	4284083158 (0xFF59EBD6)
YUV	188.9520, 12.3487, -87.6579
Hunter-Lab	81.4835, -41.9022, 3.1854

Details

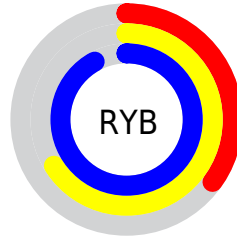
The Hex color **59EBD6** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EB596E**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **99FFFF**, and **00B29F** is the 20% darker color. If you saturate the color by 10%, you get **42EBD3**, and if you desaturate by 10%, it is **70EBD9**.

Distribution



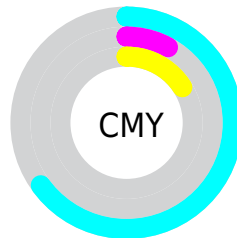
- Red (35%)
- Green (92%)
- Blue (84%)



- Red (35%)
- Yellow (66%)
- Blue (92%)



- Cyan (62%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (65%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59EBD6 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 59EBD6 by changing the saturation by 10% instead.

 59EBD6

 59EBD6

FFFFFF

 33CEBA

 99FFFF

 00B29F

 B8FFFF

 009785

 D6FFFF

 007D6C

 F5FFFF

 006354

 004A3D

 003227

 001B13

 000000

 59EBD6

 59EBD6

 42EBD3

 70EBD9

 2AEBCF

 88EBDD

 13EBCC

 A0EBE0

 00EBC9

 B7EBE4

 CEEBE7

 E6EBEA

 FDEBEE

 FFEBF1

 FFEBF4

Harmonies

Analogous

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



91E7AC



59EBD6



28EAFF

Triad

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



59EBD6



DDC9FF



FFC58D

Complementary

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



59EBD6



EB596E

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.



FFB9AB



59EBD6



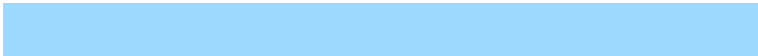
FFBBFD

Square

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



59EBD6



9DD8FF



FFB5D4



EED381

Rectangle

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



59EBD6



3EE6FF



FFB5D4



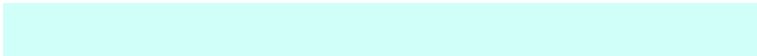
FFC095

Sweetspot

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



59EBD6



CFFFF8



6FEB59



62807B



000000



808080

Same Dimension

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



59EBD6



40FFE3



59B8EB



6A7574



00B59B



00362E

Inverse Universe

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



EB596E



FF405B



EB8C59



756A6B



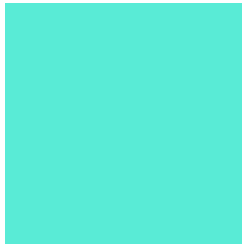
B5001A



360008

Previews

White Background



This preview shows how the Hex color 59EBD6 looks on a white background.

Color Contrast Check

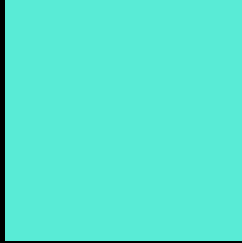
Large Text (above 18pt) WCAG AA × Fail

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 59EBD6 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 59EBD6 Background



This preview shows how black text looks on a background with the Hex color 59EBD6.

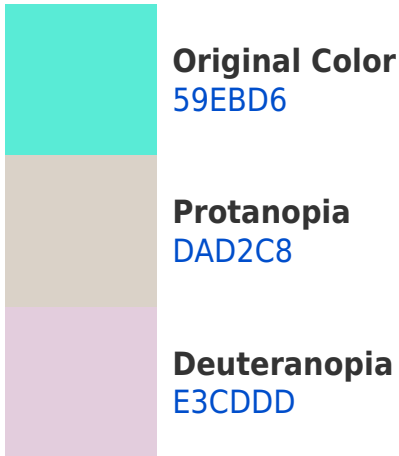


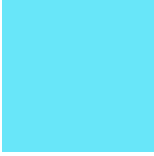
This preview shows how white text looks on a background with the Hex color 59EBD6.

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



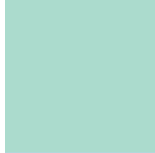


Tritanopia
68E6F9

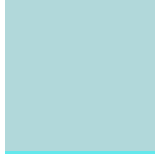
Trichromacy



Original Color
59EBD6



Protanomaly
ABDBCD



Deuteranomaly
B1D8DA

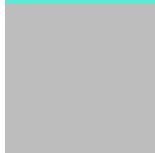


Tritanomaly
63E8EC

Monochromacy



Original Color
59EBD6



Achromatopsia
BDBDBD



Achromatomaly
99CEC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 59EBD6 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 #59EBD6 looks like.

```
.text, #text, p{  
    color:#59EBD6  
}
```

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 #59EBD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59EBD6  
}
```

Border

The CSS property to change the border of an element to Hex 59EBD6 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  
#59EBD6 }
```

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

```
.border{ border-color:#59EBD6 }
```

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

Here you see how a box with a 4 pixel #59EBD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59EBD6; -webkit-box-shadow:4px 4px  
4px 4px #59EBD6; box-shadow:4px 4px 4px  
4px #59EBD6 }
```

Background

The CSS property to change the background color of an element to Hex 59EBD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59EBD6 }
```

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

```
.background{ background-color:#59EBD6 }
```

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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