

Converting Colors

Hex(59EDDB)

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

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Color

Hex(59EDDB)

Conversions

Conversions Part 1

Format	Color
Hex	59EDDB
RGB	89, 237, 219
RGB Percent	35%, 93%, 86%
CMY	0.6510, 0.0706, 0.1412
CMYK	0.62, 0.00, 0.08, 0.07
HSL	173°, 80%, 64%
HSV	173°, 62%, 93%
XYZ	47.1902, 67.8067, 77.6187
YIQ	190.6960, -82.4300, -36.9740

Conversions

Conversions Part 2

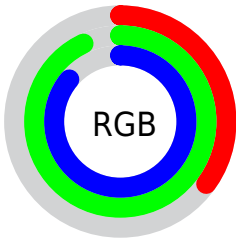
Format	Color
RYB	89, 168, 237
Decimal	5893595
CIELab	85.91, -43.35, -2.96
CIELCh	86, 43.446, 183.901
Yxy	67.8067, 0.2450, 0.3520
Android (android.graphics.Color)	4284083675 (0xFF59EDDB)
YUV	190.6960, 13.9539, -89.1874
Hunter-Lab	82.3448, -41.8086, 1.7543

Details

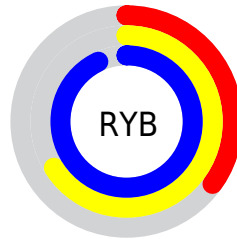
The Hex color **59EDDB** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **ED596B**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **99FFFF**, and **00B4A4** is the 20% darker color. If you saturate the color by 10%, you get **41EDD8**, and if you desaturate by 10%, it is **71EDDE**.

Distribution



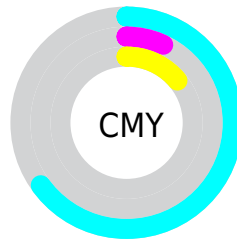
- Red (35%)
- Green (93%)
- Blue (86%)



- Red (35%)
- Yellow (66%)
- Blue (93%)



- Cyan (62%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (65%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 59EDDB

 59EDDB

FFFFFF

 32D0BF

 99FFFF

 00B4A4

 B8FFFF

 00998A

 D7FFFF

 007E71

 F6FFFF

 006558

 004C41

 00342B

 001E17

 000000

 59EDDB

 59EDDB

 41EDD8

 71EDDE

 2AEDD5

 88EDE1

 12EDD2

 A0EDE4

 00EDD0

 B8EDE7

 CFEDE9

 E7EDEC

 FFEDEF

 FFEDF2

 FFEDF5

Harmonies

Analogous

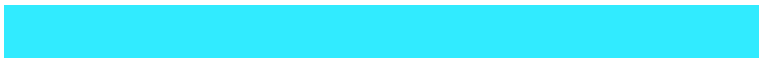
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90EAB1



59EDDB



31EBFF

Triad

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



59EDDB



E3CAFF



FFC88E

Complementary

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



59EDDB



ED596B

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.



FFBCAB



59EDDB



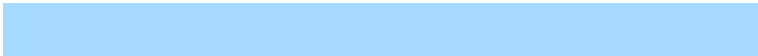
FFBDFC

Square

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



59EDDB



A5D9FF



FFB7D3



EDD684

Rectangle

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



59EDDB



49E8FF



FFB7D3



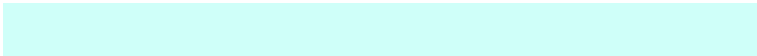
FFC396

Sweetspot

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



59EDDB



CFFF9



6DED59



62807C



000000



808080

Same Dimension

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



59EDDB



40FFE8



59B7ED



6A7574



00B59F



00362F

Inverse Universe

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



ED596B



FF4057



ED8F59



756A6B



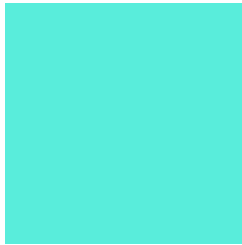
B50016



360007

Previews

White Background



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

Color Contrast Check

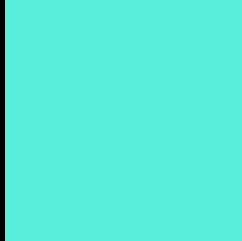
Large Text (above 18pt) WCAG AA × Fail

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 59EDDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

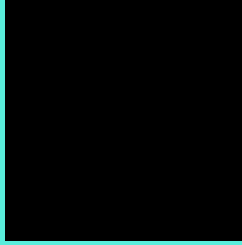
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

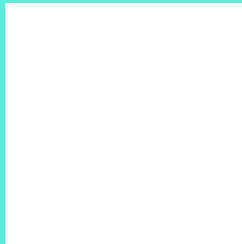
Any Text WCAG AAA ✓ Pass

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

Hex 59EDDB Background



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

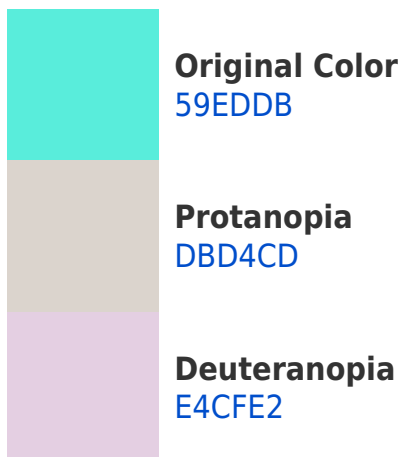


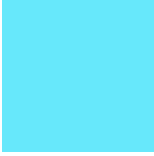
This preview shows how white text looks on a background with the Hex color 59EDDB.

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



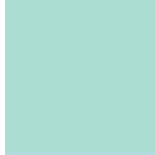


Tritanopia
67E8FB

Trichromacy



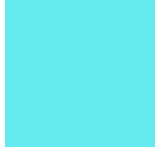
Original Color
59EDDB



Protanomaly
ACDDD2



Deuteranomaly
B1DADF

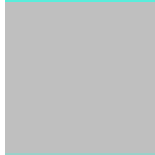


Tritanomaly
62EAEF

Monochromacy



Original Color
59EDDB



Achromatopsia
BFBFBF



Achromatomaly
9AD0C9

CSS Examples

Text

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

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

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 #59EDDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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