

Converting Colors

Hex(59E5D2)

Have a look what the booklet for
Hex(59E5D2) contains.

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Color

Hex(59E5D2)

Conversions

Conversions Part 1

Format	Color
Hex	59E5D2
RGB	89, 229, 210
RGB Percent	35%, 90%, 82%
CMY	0.6510, 0.1020, 0.1765
CMYK	0.61, 0.00, 0.08, 0.10
HSL	172°, 73%, 62%
HSV	172°, 61%, 90%
XYZ	43.7720, 62.8156, 70.7904
YIQ	184.9740, -77.3410, -35.5890

Conversions

Conversions Part 2

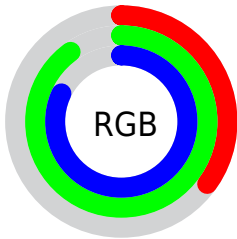
Format	Color
RYB	89, 164, 229
Decimal	5891538
CIELab	83.35, -42.09, -1.98
CIELCh	83, 42.138, 182.688
Yxy	62.8156, 0.2468, 0.3541
Android (android.graphics.Color)	4284081618 (0xFF59E5D2)
YUV	184.9740, 12.3378, -84.1692
Hunter-Lab	79.2563, -40.1158, 2.5226

Details

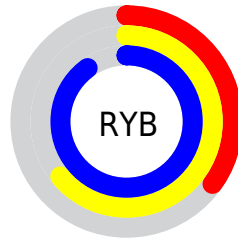
The Hex color **59E5D2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E5596C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **98FFFF**, and **00AD9C** is the 20% darker color. If you saturate the color by 10%, you get **42E5CF**, and if you desaturate by 10%, it is **70E5D5**.

Distribution



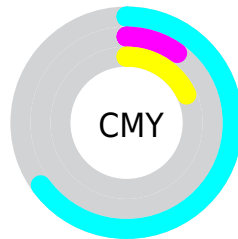
- Red (35%)
- Green (90%)
- Blue (82%)



- Red (35%)
- Yellow (64%)
- Blue (90%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (65%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59E5D2 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 59E5D2 by changing the saturation by 10% instead.

 59E5D2

 59E5D2

FFFFFF

 34C9B6

 98FFFF

 00AD9C

 B6FFFF

 009282

 D5FFFF

 007769

 F3FFFF

 005E51

 00453A

 002E24

 00140F

 000000

 59E5D2

 59E5D2

 42E5CF

 70E5D5

 2BE5CC

 87E5D8

 14E5C9

 9EE5DB

 00E5C6

 B5E5DE

 CCE5E2

 E2E5E5

 F9E5E8

 FFE5EB

 FFE5EE

Harmonies

Analogous

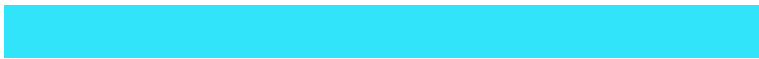
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8DE2AA



59E5D2



32E4F9

Triad

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



59E5D2



D9C4FF



FFC18A

Complementary

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



59E5D2



E5596C

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.



FFB5A7



59E5D2



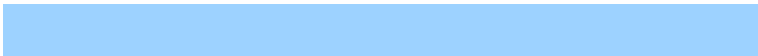
FFB7F5

Square

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



59E5D2



9DD2FF



FFB1CE



E7CE80

Rectangle

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



59E5D2



45E0FF



FFB1CE



FFBC92

Sweetspot

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



59E5D2



D1FFF9



6EE559



63807C



000000



808080

Same Dimension

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



59E5D2



45FFE6



59B4E5



677371



00B39A



00332C

Inverse Universe

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



E5596C



FF455E



E58A59



736769



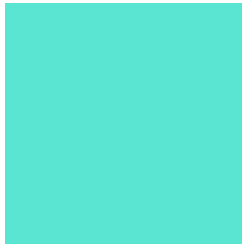
B30018



330007

Previews

White Background



This preview shows how the Hex color 59E5D2 looks on a white background.

Color Contrast Check

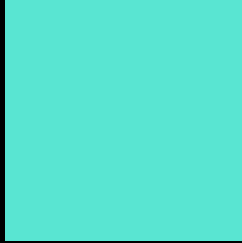
Large Text (above 18pt) WCAG AA × Fail

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 59E5D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

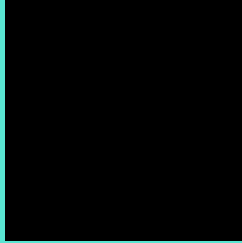
Any Text WCAG AA ✓ Pass

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 59E5D2 Background



This preview shows how black text looks on a background with the Hex color 59E5D2.

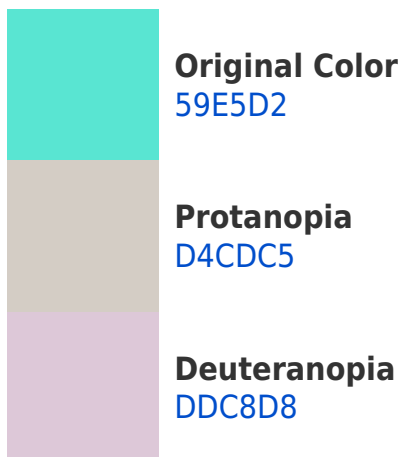


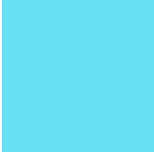
This preview shows how white text looks on a background with the Hex color 59E5D2.

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
66E0F2

Trichromacy



Original Color
59E5D2



Protanomaly
A7D6CA



Deuteranomaly
ADD3D6

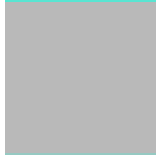


Tritanomaly
61E2E6

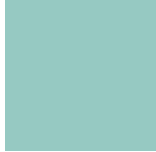
Monochromacy



Original Color
59E5D2



Achromatopsia
B9B9B9



Achromatomaly
96C9C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 59E5D2 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 #59E5D2 looks like.

```
.text, #text, p{  
    color:#59E5D2  
}
```

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 #59E5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E5D2
}
```

Border

The CSS property to change the border of an element to Hex 59E5D2 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
#59E5D2 }
```

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

```
.border{ border-color:#59E5D2 }
```

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

Here you see how a box with a 4 pixel #59E5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E5D2; -webkit-box-shadow:4px 4px  
4px 4px #59E5D2; box-shadow:4px 4px 4px  
4px #59E5D2 }
```

Background

The CSS property to change the background color of an element to Hex 59E5D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E5D2 }
```

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

```
.background{ background-color:#59E5D2 }
```

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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