

Converting Colors

Hex(5CE2D9)

Have a look what the booklet for
Hex(5CE2D9) contains.

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Color

Hex(5CE2D9)

Conversions

Conversions Part 1

Format	Color
Hex	5CE2D9
RGB	92, 226, 217
RGB Percent	36%, 89%, 85%
CMY	0.6392, 0.1137, 0.1490
CMYK	0.59, 0.00, 0.04, 0.11
HSL	176°, 70%, 62%
HSV	176°, 59%, 89%
XYZ	44.1344, 61.6778, 75.2245
YIQ	184.9080, -76.9750, -31.2070

Conversions

Conversions Part 2

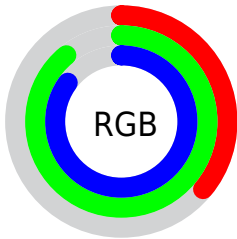
Format	Color
R _Y B	92, 161, 226
Decimal	6087385
CIE Lab	82.74, -38.43, -6.56
CIE LCh	83, 38.984, 189.689
Yxy	61.6778, 0.2438, 0.3407
Android (android.graphics.Color)	4284277465 (0xFF5CE2D9)
YUV	184.9080, 15.8214, -81.4803
Hunter-Lab	78.5352, -37.1251, -1.8160

Details

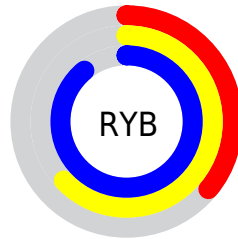
The Hex color **5CE2D9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E25C65**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9AFFFF**, and **00AAA2** is the 20% darker color. If you saturate the color by 10%, you get **45E2D7**, and if you desaturate by 10%, it is **73E2DB**.

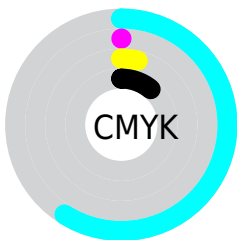
Distribution



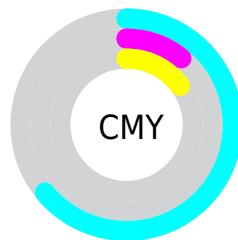
- Red (36%)
- Green (89%)
- Blue (85%)



- Red (36%)
- Yellow (63%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CE2D9 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 5CE2D9 by changing the saturation by 10% instead.

 5CE2D9

 5CE2D9

FFFFFF

 38C6BD

 9AFFFF

 00AAA2

 B9FFFF

 008F88

 D7FFFF

 00756F

 F6FFFF

 005C56

 00433F

 002C29

 001215

 000000

■ 5CE2D9

■ 5CE2D9

■ 45E2D7

■ 73E2DB

■ 2FE2D6

■ 89E2DC

■ 18E2D4

■ A0E2DE

■ 02E2D3

■ B6E2DF

■ 00E2D3

■ CDE2E1

■ E4E2E2

■ FAE2E4

■ FFE2E5

■ FFE2E7

Harmonies

Analogous

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



87E0B3



5CE2D9



4DE0FC

Triad

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



5CE2D9



E2C0FF



FCC38A

Complementary

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



5CE2D9



E25C65

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.



FFB8A1



5CE2D9



FFB5E8

Square

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



5CE2D9



AECDFE



FFB2C3



DBD085

Rectangle

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



5CE2D9



63DBFF



FFB2C3



FFBF90

Sweetspot

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



5CE2D9



D1FFFC



67E25C



63807E



000000



808080

Same Dimension

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



5CE2D9



4AFFF3



5CAAE2



65706F



00B0A4



00302D

Inverse Universe

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



E25C65



FF4A56



E2945C



706566



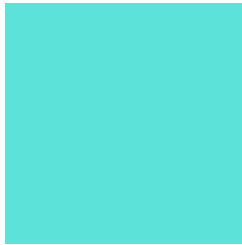
B0000C



300003

Previews

White Background



This preview shows how the Hex color 5CE2D9 looks on a white background.

Color Contrast Check

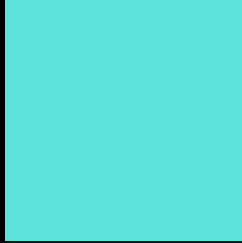
Large Text (above 18pt) WCAG AA × Fail

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 5CE2D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

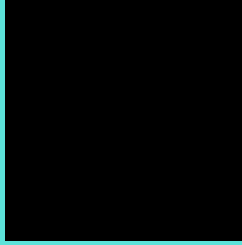
Any Text WCAG AA ✓ Pass

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 5CE2D9 Background



This preview shows how black text looks on a background with the Hex color 5CE2D9.

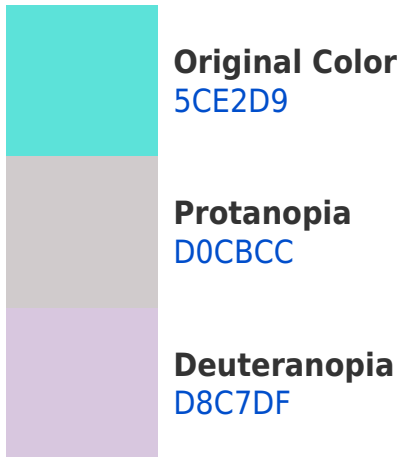


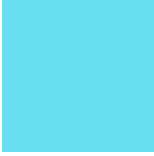
This preview shows how white text looks on a background with the Hex color 5CE2D9.

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
66DEF0

Trichromacy



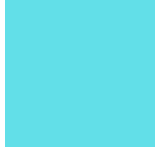
Original Color
5CE2D9



Protanomaly
A6D3D1



Deuteranomaly
ABD1DD

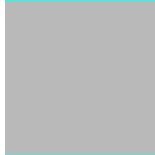


Tritanomaly
62DFE8

Monochromacy



Original Color
5CE2D9



Achromatopsia
B9B9B9



Achromatomaly
97C8C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE2D9 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 #5CE2D9 looks like.

```
.text, #text, p{  
    color:#5CE2D9  
}
```

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 #5CE2D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE2D9
}
```

Border

The CSS property to change the border of an element to Hex 5CE2D9 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
#5CE2D9 }
```

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

```
.border{ border-color:#5CE2D9 }
```

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

Here you see how a box with a 4 pixel #5CE2D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE2D9; -webkit-box-shadow:4px 4px  
4px 4px #5CE2D9; box-shadow:4px 4px 4px  
4px #5CE2D9 }
```

Background

The CSS property to change the background color of an element to Hex 5CE2D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE2D9 }
```

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

```
.background{ background-color:#5CE2D9 }
```

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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