

Converting Colors

Hex(5CE5DE)

Have a look what the booklet for
Hex(5CE5DE) contains.

Hex(5CE5DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5CE5DE)

Conversions

Conversions Part 1

Format	Color
Hex	5CE5DE
RGB	92, 229, 222
RGB Percent	36%, 90%, 87%
CMY	0.6392, 0.1020, 0.1294
CMYK	0.60, 0.00, 0.03, 0.10
HSL	177°, 72%, 63%
HSV	177°, 60%, 90%
XYZ	45.6178, 63.5879, 78.9766
YIQ	187.2390, -79.4050, -31.2210

Conversions

Conversions Part 2

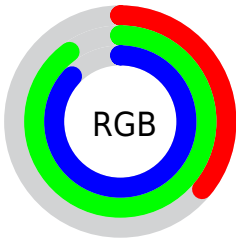
Format	Color
RYB	92, 162, 229
Decimal	6088158
CIELab	83.75, -38.49, -7.71
CIELCh	84, 39.252, 191.333
Yxy	63.5879, 0.2424, 0.3379
Android (android.graphics.Color)	4284278238 (0xFF5CE5DE)
YUV	187.2390, 17.1372, -83.5246
Hunter-Lab	79.7420, -37.4345, -2.9015

Details

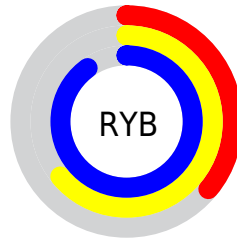
The Hex color **5CE5DE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E5C63**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **9BFFFF**, and **00ADA7** is the 20% darker color. If you saturate the color by 10%, you get **45E5DD**, and if you desaturate by 10%, it is **73E5DF**.

Distribution



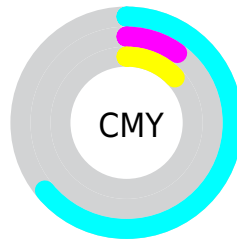
- Red (36%)
- Green (90%)
- Blue (87%)



- Red (36%)
- Yellow (64%)
- Blue (90%)



- Cyan (60%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (64%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CE5DE 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 5CE5DE by changing the saturation by 10% instead.

 5CE5DE

 5CE5DE

FFFFFF

 37C9C2

 9BFFFF

 00ADA7

 B9FFFF

 00928D

 D8FFFF

 007873

 F7FFFF

 005E5B

 004643

 002F2D

 001619

 000000

 5CE5DE

 5CE5DE

 45E5DD

 73E5DF

 2EE5DC

 8AE5E0

 17E5DA

 A1E5E2

 00E5D9

 B8E5E3

 CFE5E4

 E5E5E5

 FCE5E6

 FFE5E7

 FFE5E9

Harmonies

Analogous

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



87E3B8



5CE5DE



50E2FF

Triad

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



5CE5DE



E7C2FF



FEC78B

Complementary

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



5CE5DE



E55C63

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.



FFBBA2



5CE5DE



FFB8E9

Square

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



5CE5DE



B4D0FF



FFB5C4



DCD388

Rectangle

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



5CE5DE



68DEFF



FFB5C4



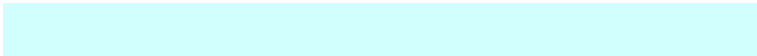
FFC291

Sweetspot

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



5CE5DE



D1FFFD



65E55C



63807E



000000



808080

Same Dimension

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



5CE5DE



47FFF6



5CAAEE



677372



00B3A9



003330

Inverse Universe

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



E55C63



FF4751



E5975C



736768



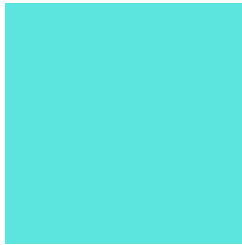
B30009



330003

Previews

White Background



This preview shows how the Hex color 5CE5DE looks on a white background.

Color Contrast Check

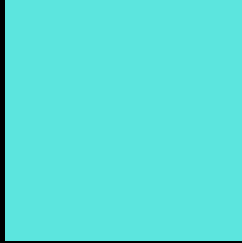
Large Text (above 18pt) WCAG AA × Fail

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 5CE5DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

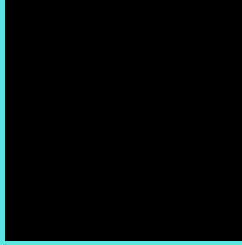
Any Text WCAG AA ✓ Pass

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 5CE5DE Background



This preview shows how black text looks on a background with the Hex color 5CE5DE.

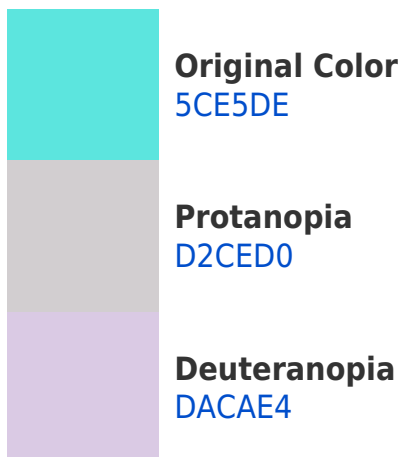


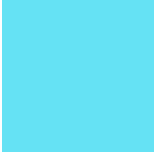
This preview shows how white text looks on a background with the Hex color 5CE5DE.

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
65E2F4

Trichromacy



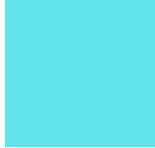
Original Color
5CE5DE



Protanomaly
A7D6D5



Deuteranomaly
ACD4E2

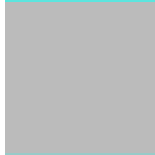


Tritanomaly
62E3EC

Monochromacy



Original Color
5CE5DE



Achromatopsia
BBBBBB



Achromatomaly
98CAC8

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE5DE 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 #5CE5DE looks like.

```
.text, #text, p{  
    color:#5CE5DE  
}
```

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 #5CE5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE5DE
}
```

Border

The CSS property to change the border of an element to Hex 5CE5DE 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
#5CE5DE }
```

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

```
.border{ border-color:#5CE5DE }
```

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

Here you see how a box with a 4 pixel #5CE5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE5DE; -webkit-box-shadow:4px 4px  
4px 4px #5CE5DE; box-shadow:4px 4px 4px  
4px #5CE5DE }
```

Background

The CSS property to change the background color of an element to Hex 5CE5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE5DE }
```

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

```
.background{ background-color:#5CE5DE }
```

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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