

Converting Colors

Hex(5CE9BA)

Have a look what the booklet for
Hex(5CE9BA) contains.

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Color

Hex(5CE9BA)

Conversions

Conversions Part 1

Format	Color
Hex	5CE9BA
RGB	92, 233, 186
RGB Percent	36%, 91%, 73%
CMY	0.6392, 0.0863, 0.2706
CMYK	0.61, 0.00, 0.20, 0.09
HSL	160°, 76%, 64%
HSV	160°, 61%, 91%
XYZ	42.4155, 64.0983, 56.5911
YIQ	185.4830, -68.9490, -44.5090

Conversions

Conversions Part 2

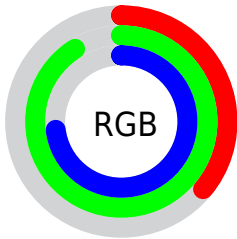
Format	Color
RYB	92, 177, 233
Decimal	6089146
CIELab	84.02, -49.02, 11.64
CIELCh	84, 50.381, 166.641
Yxy	64.0983, 0.2601, 0.3930
Android (android.graphics.Color)	4284279226 (0xFF5CE9BA)
YUV	185.4830, 0.2549, -81.9846
Hunter-Lab	80.0614, -45.5406, 14.1341

Details

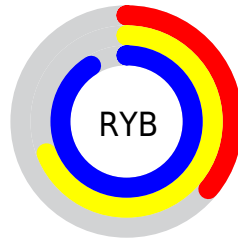
The Hex color **5CE9BA** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **E95C8B**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **9AFF2**, and **00B085** is the 20% darker color. If you saturate the color by 10%, you get **45E9B2**, and if you desaturate by 10%, it is **73E9C2**.

Distribution



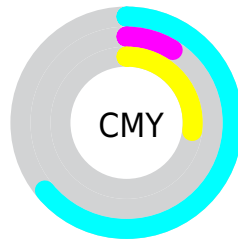
- Red (36%)
- Green (91%)
- Blue (73%)



- Red (36%)
- Yellow (69%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CE9BA 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 5CE9BA by changing the saturation by 10% instead.

 5CE9BA

 5CE9BA

FFFFFF

 39CC9F

 9AFF2

 00B085

 B8FFFF


 00956C

 D6FFFF

 007A53

 F5FFFF

 00613C

 004826

 003112

 001700

 000000

 5CE9BA

 5CE9BA

 45E9B2

 73E9C2

 2DE9AA

 8BE9CA

 16E9A3

 A2E9D1

 00E99B

 B9E9D9

 D1E9E1

 E8E9E9

 FFE9F0

 FFE9F8

 FFE9FF

Harmonies

Analogous

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



A0E38E



5CE9BA



00EAEB

Triad

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



5CE9BA



B5CFFF



FFB78E

Complementary

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



5CE9BA



E95C8B

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.



FFACB9



5CE9BA



F7BBFF

Square

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



5CE9BA



57DDFF



FFAEE9



FFC775

Rectangle

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



5CE9BA



00E8FF



FFAEE9



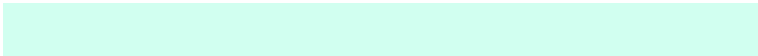
FFB29B

Sweetspot

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



5CE9BA



D1FFF0



8BE95C



638076



000000



808080

Same Dimension

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



5CE9BA



45FFC1



5CD1E9



6A7571



00B579



003624

Inverse Universe

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



E95C8B



FF4583



E9735C



756A6D



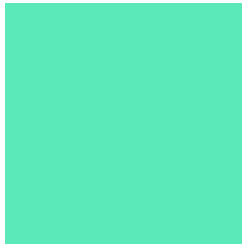
B5003C



360012

Previews

White Background



This preview shows how the Hex color 5CE9BA 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 5CE9BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

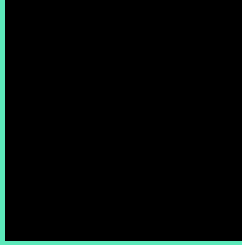
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

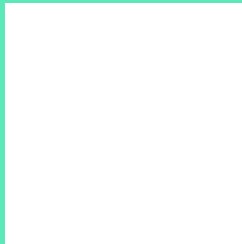
Any Text WCAG AAA ✓ Pass

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

Hex 5CE9BA Background



This preview shows how black text looks on a background with the Hex color 5CE9BA.

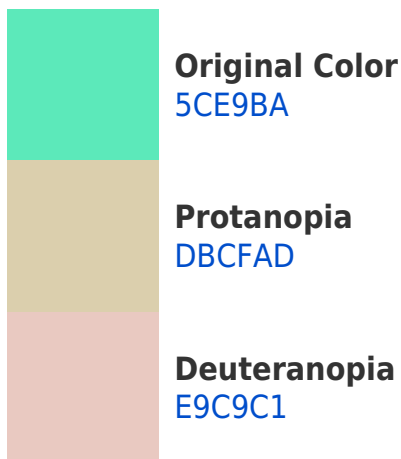


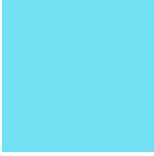
This preview shows how white text looks on a background with the Hex color 5CE9BA.

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
71E1F3

Trichromacy



Original Color
5CE9BA



Protanomaly
ADD8B2



Deuteranomaly
B6D5BE



Tritanomaly
69E4DE

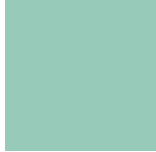
Monochromacy



Original Color
5CE9BA



Achromatopsia
B9B9B9



Achromatomaly
97CAB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE9BA 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 #5CE9BA looks like.

```
.text, #text, p{  
    color:#5CE9BA  
}
```

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 #5CE9BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE9BA
}
```

Border

The CSS property to change the border of an element to Hex 5CE9BA 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
#5CE9BA }
```

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

```
.border{ border-color:#5CE9BA }
```

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

Here you see how a box with a 4 pixel #5CE9BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE9BA; -webkit-box-shadow:4px 4px  
4px 4px #5CE9BA; box-shadow:4px 4px 4px  
4px #5CE9BA }
```

Background

The CSS property to change the background color of an element to Hex 5CE9BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE9BA }
```

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

```
.background{ background-color:#5CE9BA }
```

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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