

Converting Colors

Hex(5CE9A8)

Have a look what the booklet for
Hex(5CE9A8) contains.

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Color

Hex(5CE9A8)

Conversions

Conversions Part 1

Format	Color
Hex	5CE9A8
RGB	92, 233, 168
RGB Percent	36%, 91%, 66%
CMY	0.6392, 0.0863, 0.3412
CMYK	0.61, 0.00, 0.28, 0.09
HSL	152°, 76%, 64%
HSV	152°, 61%, 91%
XYZ	40.6204, 63.3803, 47.1385
YIQ	183.4310, -63.1710, -50.1070

Conversions

Conversions Part 2

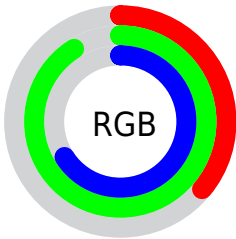
Format	Color
RYB	92, 184, 233
Decimal	6089128
CIELab	83.64, -52.87, 20.50
CIELCh	84, 56.704, 158.808
Yxy	63.3803, 0.2688, 0.4194
Android (android.graphics.Color)	4284279208 (0xFF5CE9A8)
YUV	183.4310, -7.6075, -80.1850
Hunter-Lab	79.6117, -48.2442, 20.6223

Details

The Hex color **5CE9A8** 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 **E95C9D**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9AFFDF**, and **00B074** is the 20% darker color. If you saturate the color by 10%, you get **45E99D**, and if you desaturate by 10%, it is **73E9B3**.

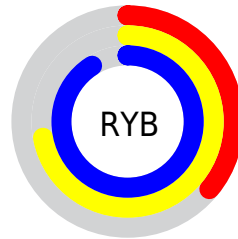
Distribution



Red (36%)

Green (91%)

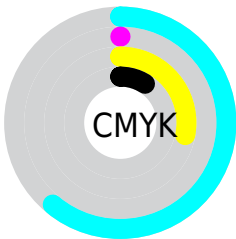
Blue (66%)



Red (36%)

Yellow (72%)

Blue (91%)

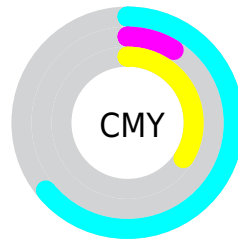


Cyan (61%)

Magenta (0%)

Yellow (28%)

Black (9%)



Cyan (64%)

Magenta (9%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CE9A8 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 5CE9A8 by changing the saturation by 10% instead.

 5CE9A8

 5CE9A8

FFFFFF

 39CC8D

 9AFFDF

 00B074

 B8FFFC

 00955B

 D6FFF

 007A43

 F4FFF

 00602C

 004717

 003000

 001500

 000000

 5CE9A8

 5CE9A8

 45E99D

 73E9B3

 2DE993

 8BE9BD

 16E988

 A2E9C8

 00E97E

 B9E9D3

 D1E9DE

 E8E9E8

 FFE9F3

 FFE9FE

 FFE9FF

Harmonies

Analogous

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



A8E17A



5CE9A8



00ECD9

Triad

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



5CE9A8



94D1FF



FFAD90

Complementary

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



5CE9A8



E95C9D

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.



FFA4C3



5CE9A8



EABCFF

Square

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



5CE9A8



00E0FF



FFAAF8



FFC06C

Rectangle

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



5CE9A8



00EBFF



FFAAF8



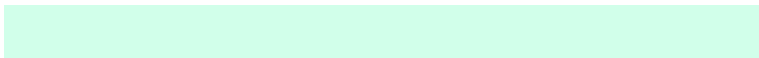
FFA9A0

Sweetspot

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



5CE9A8



D1FFEA



9EE95C



638073



000000



808080

Same Dimension

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



5CE9A8



45FFA9



5CE4E9



6A7570



00B562



00361D

Inverse Universe

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



E95C9D



FF459B



E9615C



756A6F



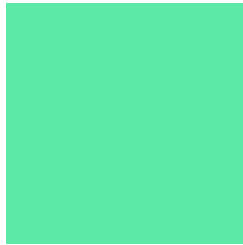
B50053



360019

Previews

White Background



This preview shows how the Hex color 5CE9A8 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 5CE9A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

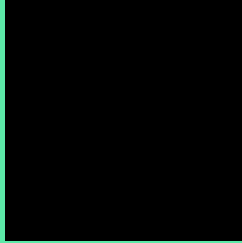
Any Text WCAG AA ✓ Pass

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 5CE9A8 Background



This preview shows how black text looks on a background with the Hex color 5CE9A8.

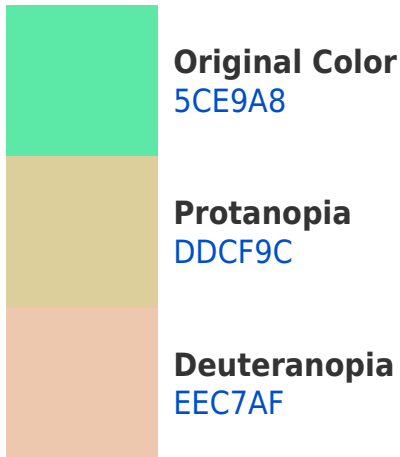


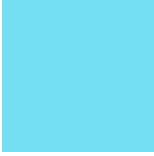
This preview shows how white text looks on a background with the Hex color 5CE9A8.

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
74DFF2

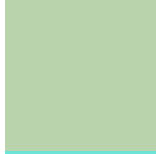
Trichromacy



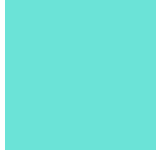
Original Color
5CE9A8



Protanomaly
AED8A0



Deuteranomaly
B9D3AC

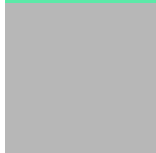


Tritanomaly
6BE3D7

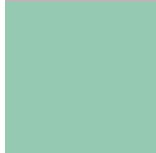
Monochromacy



Original Color
5CE9A8



Achromatopsia
B7B7B7



Achromatomaly
96C9B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE9A8 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 #5CE9A8 looks like.

```
.text, #text, p{  
    color:#5CE9A8  
}
```

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 #5CE9A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE9A8
}
```

Border

The CSS property to change the border of an element to Hex 5CE9A8 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
#5CE9A8 }
```

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

```
.border{ border-color:#5CE9A8 }
```

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

Here you see how a box with a 4 pixel #5CE9A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE9A8; -webkit-box-shadow:4px 4px  
4px 4px #5CE9A8; box-shadow:4px 4px 4px  
4px #5CE9A8 }
```

Background

The CSS property to change the background color of an element to Hex 5CE9A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE9A8 }
```

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

```
.background{ background-color:#5CE9A8 }
```

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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