

Converting Colors

Hex(5CDEC7)

Have a look what the booklet for
Hex(5CDEC7) contains.

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Color

Hex(5CDEC7)

Conversions

Conversions Part 1

Format	Color
Hex	5CDEC7
RGB	92, 222, 199
RGB Percent	36%, 87%, 78%
CMY	0.6392, 0.1294, 0.2196
CMYK	0.59, 0.00, 0.10, 0.13
HSL	169°, 66%, 62%
HSV	169°, 59%, 87%
XYZ	40.8437, 58.6414, 63.1991
YIQ	180.5080, -70.0970, -34.7130

Conversions

Conversions Part 2

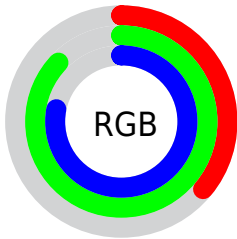
Format	Color
RYB	92, 163, 222
Decimal	6086343
CIELab	81.09, -41.20, 0.57
CIELCh	81, 41.202, 179.206
Yxy	58.6414, 0.2511, 0.3605
Android (android.graphics.Color)	4284276423 (0xFF5CDEC7)
YUV	180.5080, 9.1166, -77.6215
Hunter-Lab	76.5777, -38.8056, 4.6727

Details

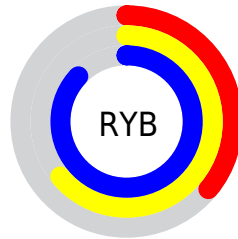
The Hex color **5CDEC7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE5C73**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **99FFFF**, and **00A691** is the 20% darker color. If you saturate the color by 10%, you get **46DEC3**, and if you desaturate by 10%, it is **72DECB**.

Distribution



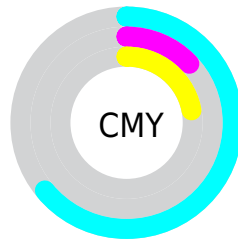
- Red (36%)
- Green (87%)
- Blue (78%)



- Red (36%)
- Yellow (64%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CDEC7 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 5CDEC7 by changing the saturation by 10% instead.

 5CDEC7

 5CDEC7

FFFFFF

 3AC2AC

 99FFFF

 00A691

 B7FFFF

 008B78

 D5FFFF

 00715F

 F3FFFF

 005847

 003F31

 002A1C

 000802

 000000

 5CDEC7

 5CDEC7

 46DEC3

 72DEC8

 30DEBF

 88DEC7

 19DEBB

 9FDED3

 03DEB7

 B5DED7

 00DEB7

 CBDEDB

 E1DEF7

 F7DEE2

 FFDEE6

 FFDEEA

Harmonies

Analogous

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



8EDAA1



5CDEC7



31DDEE

Triad

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



5CDEC7



CCC0FF



FFB988

Complementary

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



5CDEC7



DE5C73

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.



FFAFA6



5CDEC7



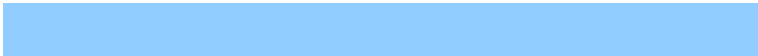
F9B3F1

Square

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



5CDEC7



91CFFF



FFACCC



E4C77C

Rectangle

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



5CDEC7



3DDAFF



FFACCC



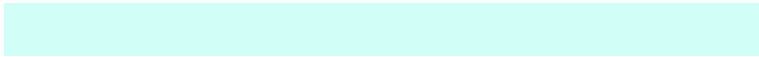
FFB591

Sweetspot

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



5CDEC7



D1FFF7



74DE5C



63807B



000000



808080

Same Dimension

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



5CDEC7



4DFFDF



5CB5DE



65706E



00B091



003028

Inverse Universe

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



DE5C73



FF4D6C



DE855C



706567



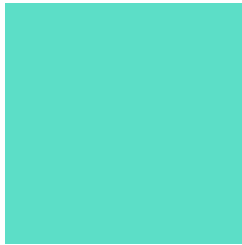
B0001F



300009

Previews

White Background



This preview shows how the Hex color 5CDEC7 looks on a white background.

Color Contrast Check

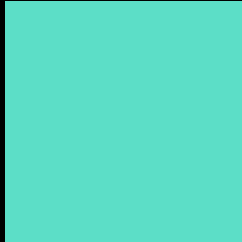
Large Text (above 18pt) WCAG AA × Fail

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 5CDEC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

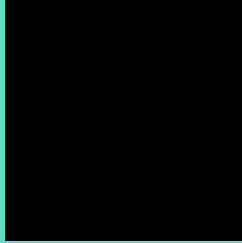
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

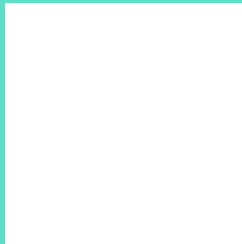
Any Text WCAG AAA ✓ Pass

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

Hex 5CDEC7 Background



This preview shows how black text looks on a background with the Hex color 5CDEC7.



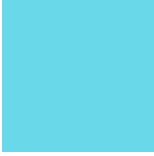
This preview shows how white text looks on a background with the Hex color 5CDEC7.

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](#).

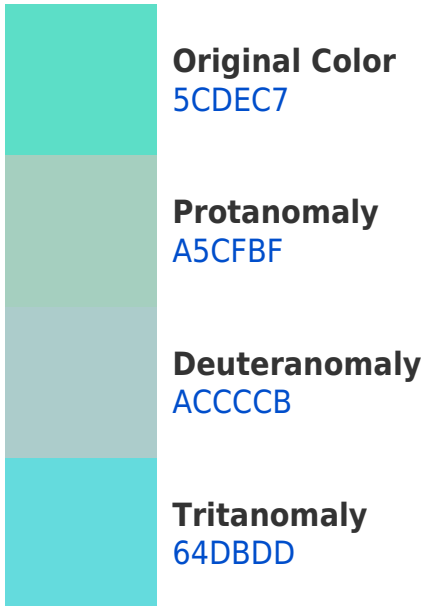
Dichromacy



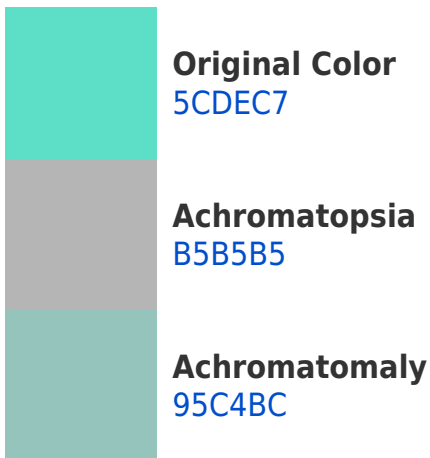


Tritanopia
69D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CDEC7 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 #5CDEC7 looks like.

```
.text, #text, p{  
    color:#5CDEC7  
}
```

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 #5CDEC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CDEC7
}
```

Border

The CSS property to change the border of an element to Hex 5CDEC7 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
#5CDEC7 }
```

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

```
.border{ border-color:#5CDEC7 }
```

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

Here you see how a box with a 4 pixel #5CDEC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CDEC7; -webkit-box-shadow:4px 4px  
4px 4px #5CDEC7; box-shadow:4px 4px 4px  
4px #5CDEC7 }
```

Background

The CSS property to change the background color of an element to Hex 5CDEC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CDEC7 }
```

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

```
.background{ background-color:#5CDEC7 }
```

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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