

Converting Colors

Hex(5BCDC7)

Have a look what the booklet for
Hex(5BCDC7) contains.

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Color

Hex(5BCDC7)

Conversions

Conversions Part 1

Format	Color
Hex	5BCDC7
RGB	91, 205, 199
RGB Percent	36%, 80%, 78%
CMY	0.6431, 0.1961, 0.2196
CMYK	0.56, 0.00, 0.03, 0.20
HSL	177°, 53%, 58%
HSV	177°, 56%, 80%
XYZ	36.4545, 50.0103, 61.7644
YIQ	170.2300, -66.0180, -26.0340

Conversions

Conversions Part 2

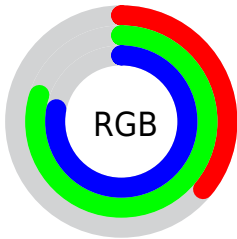
Format	Color
RYB	91, 150, 205
Decimal	6016455
CIELab	76.08, -33.60, -6.81
CIELCh	76, 34.281, 191.457
Yxy	50.0103, 0.2459, 0.3374
Android (android.graphics.Color)	4284206535 (0xFF5BCDC7)
YUV	170.2300, 14.1836, -69.4847
Hunter-Lab	70.7180, -31.7412, -2.2808

Details

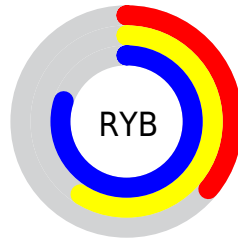
The Hex color **5BCDC7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CD5B61**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **97FFFF**, and **089691** is the 20% darker color. If you saturate the color by 10%, you get **46CDC6**, and if you desaturate by 10%, it is **6FCDC8**.

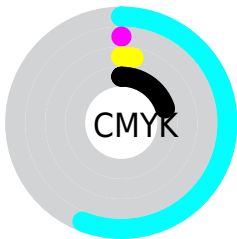
Distribution



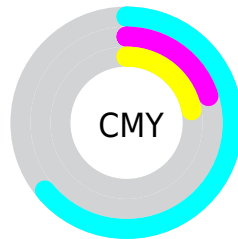
- Red (36%)
- Green (80%)
- Blue (78%)



- Red (36%)
- Yellow (59%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (64%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BCDC7 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 5BCDC7 by changing the saturation by 10% instead.

 5BCDC7

 5BCDC7

FFFFFF

 3AB1AC

 97FFFF

 089691

 B4FFFF

 007C78

 D2FFFF

 00635F

 F0FFFF

 004A47

 003331

 001E1C

 000000

 5BCDC7

 5BCDC7

46CDC6

6FCDC8

32CDC5

84CDC9

1DCDC4

99CDCA

09CDC3

ADCDCB

00CDC2

C2CDCC

D6CDCD

EBCDCF

FFCDD0

FFCDD1

Harmonies

Analogous

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



7DCBA6



5BCDC7



53CBE4

Triad

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



5BCDC7



CFAFEB



E3B380

Complementary

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



5BCDC7



CD5B61

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.



F6A993



5BCDC7



EDA6D0

Square

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



5BCDC7



A4BAF9



FAA4B0



C5BE7D

Rectangle

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



5BCDC7



65C7F2



FAA4B0



EAAF85

Sweetspot

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



5BCDC7



D4FFFD



63CD5B



66807E



000000



808080

Same Dimension

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



5BCDC7



54FFF6



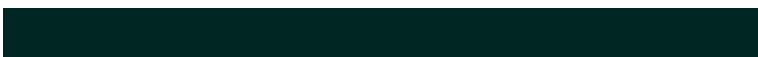
5B9CCD



5C6665



00A69D



002624

Inverse Universe

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



CD5B61



FF545D



CD8C5B



665C5C



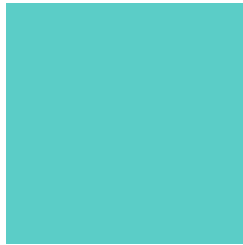
A60009



260002

Previews

White Background



This preview shows how the Hex color 5BCDC7 looks on a white background.

Color Contrast Check

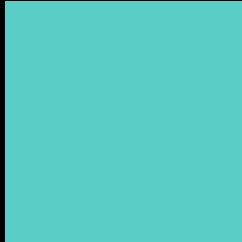
Large Text (above 18pt) WCAG AA × Fail

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 5BCDC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

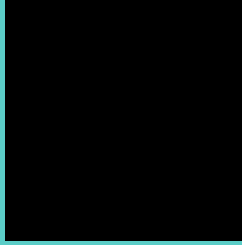
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

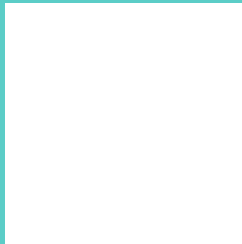
Any Text WCAG AAA ✓ Pass

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

Hex 5BCDC7 Background



This preview shows how black text looks on a background with the Hex color 5BCDC7.

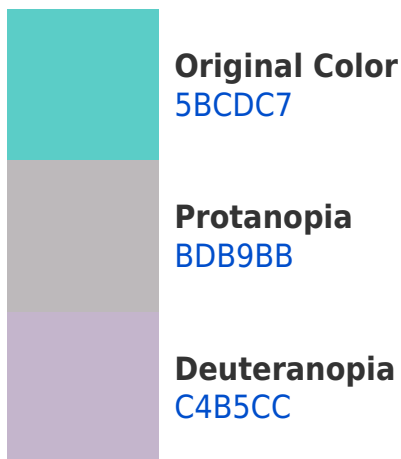


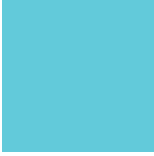
This preview shows how white text looks on a background with the Hex color 5BCDC7.

Color Blindness Simulation

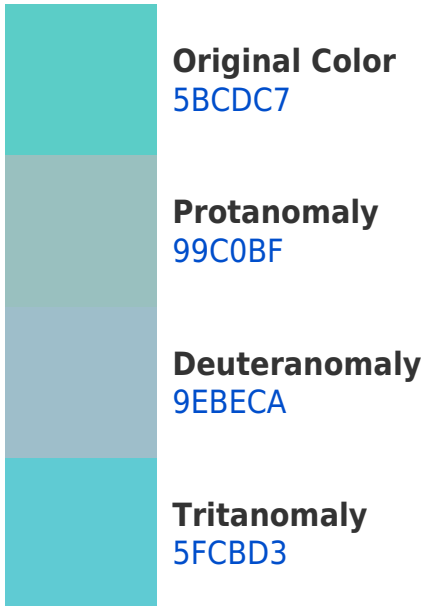
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

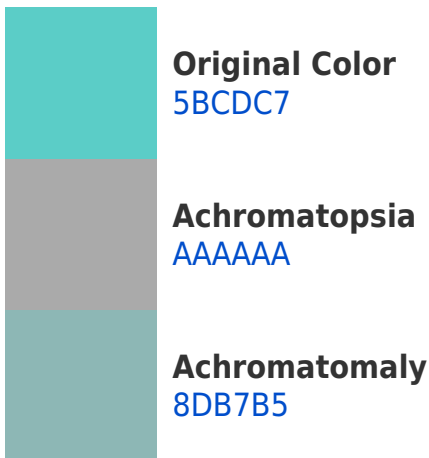




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BCDC7 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 #5BCDC7 looks like.

```
.text, #text, p{  
    color:#5BCDC7  
}
```

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 #5BCDC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BCDC7  
}
```

Border

The CSS property to change the border of an element to Hex 5BCDC7 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  
#5BCDC7 }
```

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

```
.border{ border-color:#5BCDC7 }
```

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

Here you see how a box with a 4 pixel #5BCDC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BCDC7; -webkit-box-shadow:4px 4px  
4px 4px #5BCDC7; box-shadow:4px 4px 4px  
4px #5BCDC7 }
```

Background

The CSS property to change the background color of an element to Hex 5BCDC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BCDC7 }
```

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

```
.background{ background-color:#5BCDC7 }
```

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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