

Converting Colors

Hex(5DC8DC)

Have a look what the booklet for
Hex(5DC8DC) contains.

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Color

Hex(5DC8DC)

Conversions

Conversions Part 1

Format	Color
Hex	5DC8DC
RGB	93, 200, 220
RGB Percent	36%, 78%, 86%
CMY	0.6353, 0.2157, 0.1373
CMYK	0.58, 0.09, 0.00, 0.14
HSL	189°, 64%, 61%
HSV	189°, 58%, 86%
XYZ	38.0867, 48.8030, 75.1227
YIQ	170.2870, -70.1920, -16.4640

Conversions

Conversions Part 2

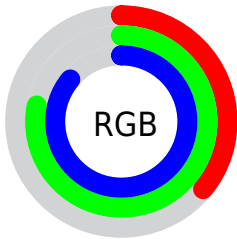
Format	Color
R_{YB}	93, 151, 220
Decimal	6146268
CIE _{Lab}	75.33, -25.04, -19.26
CIE _{LCh}	75, 31.588, 217.576
Yxy	48.8030, 0.2351, 0.3012
Android (android.graphics.Color)	4284336348 (0xFF5DC8DC)
YUV	170.2870, 24.5085, -67.7807
Hunter-Lab	69.8592, -24.9365, -14.8558

Details

The Hex color **5DC8DC** 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 **DC715D**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **99FFFF**, and **0892A5** is the 20% darker color. If you saturate the color by 10%, you get **47C5DC**, and if you desaturate by 10%, it is **73CBDC**.

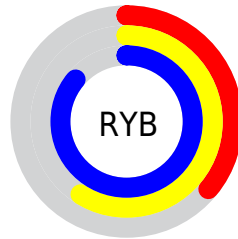
Distribution



Red (36%)

Green (78%)

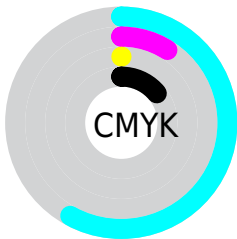
Blue (86%)



Red (36%)

Yellow (59%)

Blue (86%)

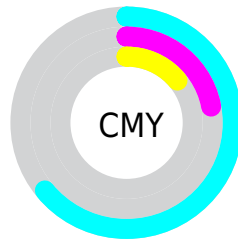


Cyan (58%)

Magenta (9%)

Yellow (0%)

Black (14%)



Cyan (64%)

Magenta (22%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DC8DC 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 5DC8DC by changing the saturation by 10% instead.

5DC8DC

5DC8DC

FFFFFF

3CADC0

99FFFF

0892A5

B7FFFF

00788B

D5FFFF

005F71

F3FFFF

004759

003041

001D2B

000116

000000

 5DC8DC

 5DC8DC

 47C5DC

 73CBDC

 31C1DC

 89CFDC

 1BBEDC

 9FD2DC

 05BADC

 B5D6DC

 00B9DC

 CBD9DC

 E1DDDC

 F7E0DC

 FFE4DC

 FFE7DC

Harmonies

Analogous

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



67CAC0



5DC8DC



75C3EF

Triad

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



5DC8DC



E5A7D0



C7BA80

Complementary

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



5DC8DC



DC715D

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.



E1B084



5DC8DC



F3A4B3

Square

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



5DC8DC



C7AFE8



F1A897



A7C28B

Rectangle

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



5DC8DC



90BDF3



F1A897



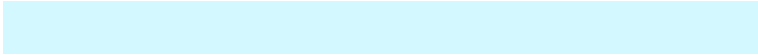
D0B77F

Sweetspot

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



5DC8DC



D4F8FF



5DDC70



667B80



000000



808080

Same Dimension

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



5DC8DC



4FE3FF



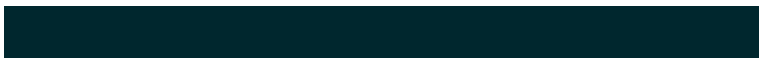
5D89DC



636C6E



0092AD



00272E

Inverse Universe

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



DC5DC8



FF4FE3



DCB05D



6E636C



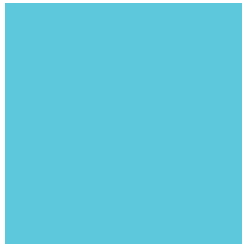
AD0092



2E0027

Previews

White Background



This preview shows how the Hex color 5DC8DC looks on a white background.

Color Contrast Check

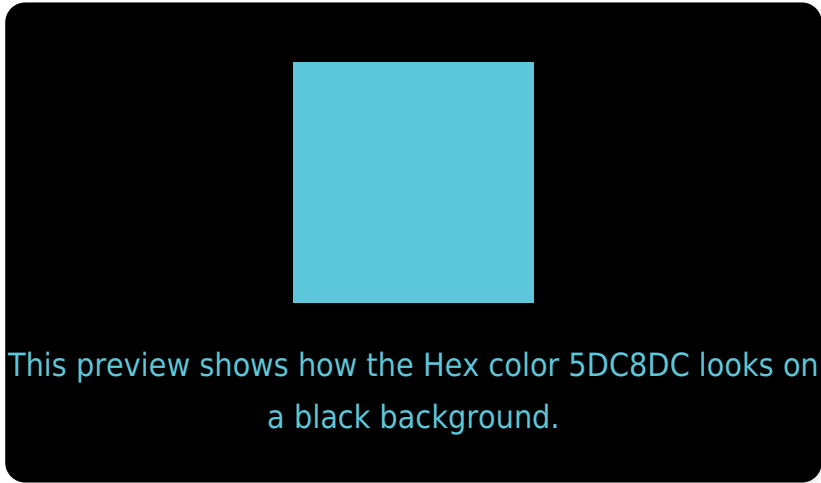
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

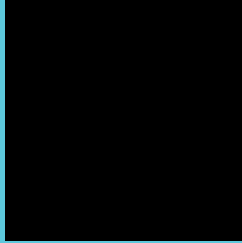
Any Text WCAG AA ✓ Pass

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 5DC8DC Background



This preview shows how black text looks on a background with the Hex color 5DC8DC.

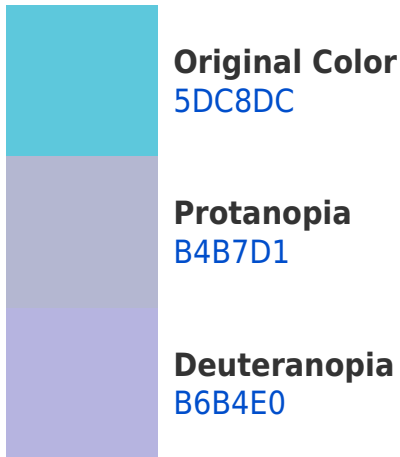


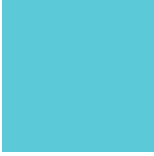
This preview shows how white text looks on a background with the Hex color 5DC8DC.

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](#).

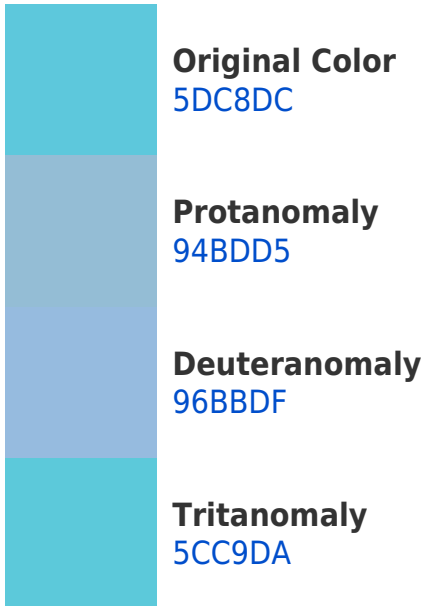
Dichromacy



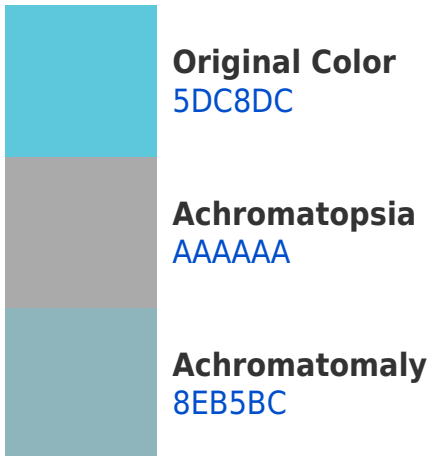


Tritanopia
5CC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DC8DC 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 #5DC8DC looks like.

```
.text, #text, p{  
    color:#5DC8DC  
}
```

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 #5DC8DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC8DC
}
```

Border

The CSS property to change the border of an element to Hex 5DC8DC 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
#5DC8DC }
```

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

```
.border{ border-color:#5DC8DC }
```

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

Here you see how a box with a 4 pixel #5DC8DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC8DC; -webkit-box-shadow:4px 4px  
4px 4px #5DC8DC; box-shadow:4px 4px 4px  
4px #5DC8DC }
```

Background

The CSS property to change the background color of an element to Hex 5DC8DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC8DC }
```

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

```
.background{ background-color:#5DC8DC }
```

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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