

Converting Colors

Hex(5DCBBF)

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

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Color

Hex(5DCBBF)

Conversions

Conversions Part 1

Format	Color
Hex	5DCBBF
RGB	93, 203, 191
RGB Percent	36%, 80%, 75%
CMY	0.6353, 0.2039, 0.2510
CMYK	0.54, 0.00, 0.06, 0.20
HSL	173°, 51%, 58%
HSV	173°, 54%, 80%
XYZ	35.2741, 48.8006, 56.8505
YIQ	168.7420, -61.7080, -27.0520

Conversions

Conversions Part 2

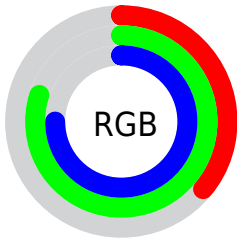
Format	Color
RYB	93, 151, 203
Decimal	6147007
CIELab	75.33, -34.34, -3.59
CIELCh	75, 34.523, 185.964
Yxy	48.8006, 0.2503, 0.3463
Android (android.graphics.Color)	4284337087 (0xFF5DCBBF)
YUV	168.7420, 10.9732, -66.4257
Hunter-Lab	69.8574, -32.1180, 0.6495

Details

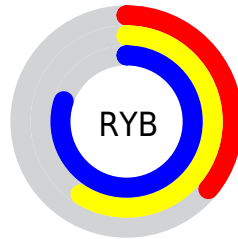
The Hex color **5DCBBF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **CB5D69**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **98FFF7**, and **14948A** is the 20% darker color. If you saturate the color by 10%, you get **49CBBD**, and if you desaturate by 10%, it is **71CBC1**.

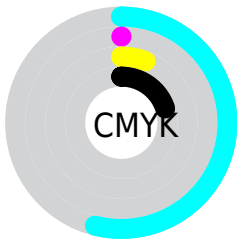
Distribution



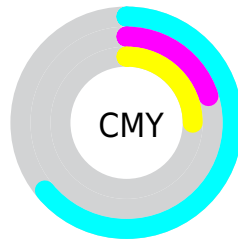
- Red (36%)
- Green (80%)
- Blue (75%)



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



- Cyan (54%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (64%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 5DCBBF

 5DCBBF

FFFFFF

 3EAFA4

 98FFF7

 14948A

 B5FFFF

 007A70

 D3FFFF

 006158

 F0FFFF

 004841

 00312B

 001C16

 000000

 5DCBBF

 5DCBBF

 49CBBB

 71CBC1

 34CBBB

 86CBC3

 20CBB8

 9ACBC6

 0CCBB6

 AECBC8

 00CBB5

 C3CBCA

 D7CBCC

 EBCBCF

 FFCBD1

 FFCBD3

Harmonies

Analogous

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



81C99F



5DCBBF



4DC9DE

Triad

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



5DCBBF



C6AFED



E5AF80

Complementary

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



5DCBBF



CB5D69

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.



F6A596



5DCBBF



E7A5D4

Square

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



5DCBBF



98BAF8



F7A1B4



C9BA7A

Rectangle

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



5DCBBF



5BC6ED



F7A1B4



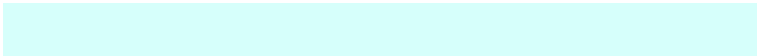
ECAB86

Sweetspot

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



5DCBBF



D6FFFB



6ACB5D



67807D



000000



808080

Same Dimension

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



5DCBBF



59FFED



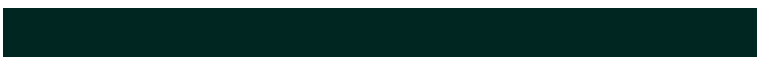
5DA1CB



5C6665



00A694



002622

Inverse Universe

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



CB5D69



FF596B



CB875D



665C5D



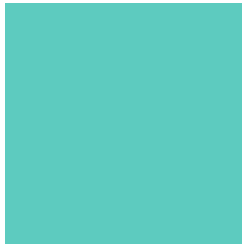
A60012



260004

Previews

White Background



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

Color Contrast Check

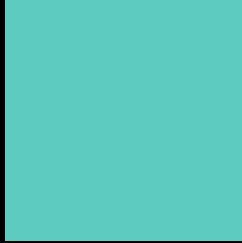
Large Text (above 18pt) WCAG AA × Fail

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 5DCBBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

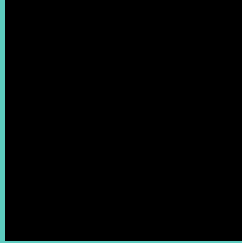
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

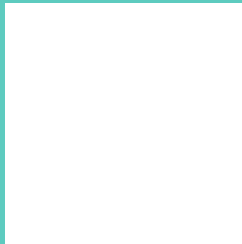
Any Text WCAG AAA ✓ Pass

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

Hex 5DCBBF Background



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

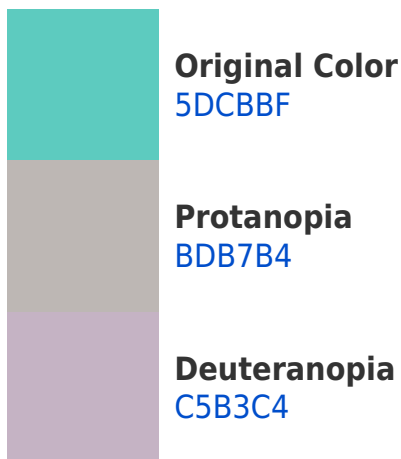


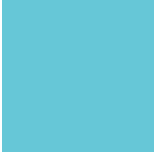
This preview shows how white text looks on a background with the Hex color 5DCBBF.

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
66C7D7

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5DCBBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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