

Converting Colors

Hex(6DCEBB)

Have a look what the booklet for
Hex(6DCEBB) contains.

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Color

Hex(6DCEBB)

Conversions

Conversions Part 1

Format	Color
Hex	6DCEBB
RGB	109, 206, 187
RGB Percent	43%, 81%, 73%
CMY	0.5725, 0.1922, 0.2667
CMYK	0.47, 0.00, 0.09, 0.19
HSL	168°, 50%, 62%
HSV	168°, 47%, 81%
XYZ	37.3476, 50.9817, 54.8857
YIQ	174.8310, -51.7130, -26.4730

Conversions

Conversions Part 2

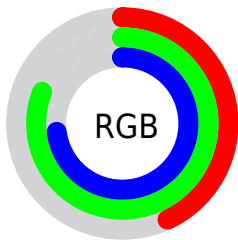
Format	Color
RYB	109, 163, 206
Decimal	7196347
CIELab	76.67, -33.21, 0.60
CIELCh	77, 33.214, 178.962
Yxy	50.9817, 0.2608, 0.3560
Android (android.graphics.Color)	4285386427 (0xFF6DCEBB)
YUV	174.8310, 5.9993, -57.7338
Hunter-Lab	71.4015, -31.5854, 4.4053

Details

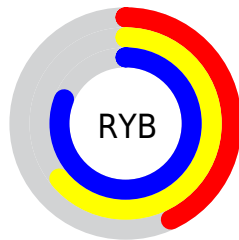
The Hex color **6DCEBB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE6D80**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A6FFF3**, and **329786** is the 20% darker color. If you saturate the color by 10%, you get **58CEB7**, and if you desaturate by 10%, it is **82CEBF**.

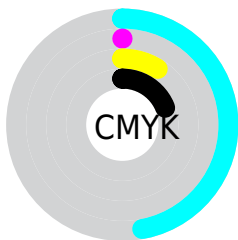
Distribution



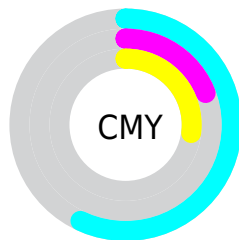
- Red (43%)
- Green (81%)
- Blue (73%)



- Red (43%)
- Yellow (64%)
- Blue (81%)



- Cyan (47%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)



- Cyan (57%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DCEBB 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 6DCEBB by changing the saturation by 10% instead.

 6DCEBB

 6DCEBB

FFFFFF

 50B2A0

 A6FFF3

 329786

 C3FFFF

 047D6D

 E0FFFF

 006354

FEFFFF

 004B3D

 003328

 002013

 000000

 6DCEBB

 6DCEBB

■ 58CEB7

■ 82CEBF

■ 44CEB3

■ 96CEC3

■ 2FCEAF

■ ABCEC7

■ 1BCEAB

■ BFCECB

■ 06CEA7

■ D4CECF

■ 00CEA6

■ E9CED3

■ FDCED7

■ FFCEDB

■ FFCEDF

Harmonies

Analogous

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



90CB9D



6DCEBB



59CDDA

Triad

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



6DCEBB



C0B6F3



EDB08A

Complementary

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



6DCEBB



CE6D80

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.



FAA8A1



6DCEBB



E3ACDD

Square

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



6DCEBB



93C0FA



F7A6BF



D4BB80

Rectangle

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



6DCEBB



5FCBEB



F7A6BF



F3AD90

Sweetspot

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



6DCEBB



DBFFF8



80CE6D



6A807B



000000



808080

Same Dimension

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



6DCEBB



6EFFE3



6DB1CE



5C6664



00A685



00261F

Inverse Universe

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



CE6D80



FF6E8A



CE8A6D



665C5E



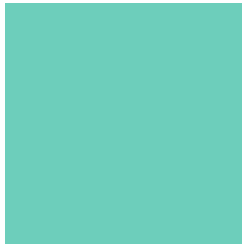
A60020



260007

Previews

White Background



This preview shows how the Hex color 6DCEBB looks on a white background.

Color Contrast Check

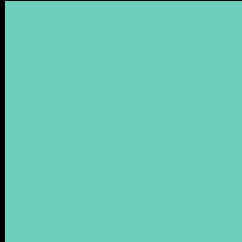
Large Text (above 18pt) WCAG AA × Fail

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 6DCEBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

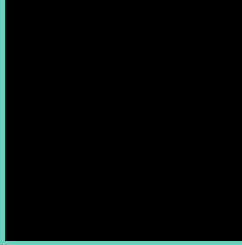
Any Text WCAG AA ✓ Pass

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 6DCEBB Background



This preview shows how black text looks on a background with the Hex color 6DCEBB.

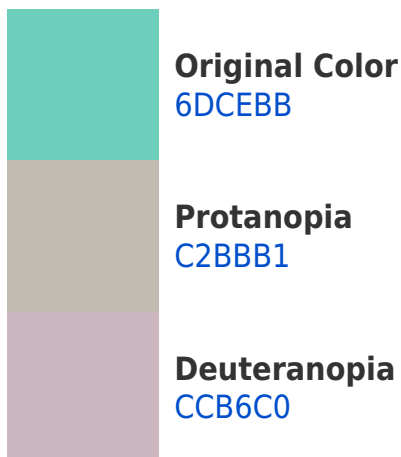


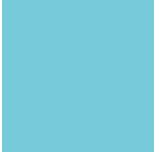
This preview shows how white text looks on a background with the Hex color 6DCEBB.

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





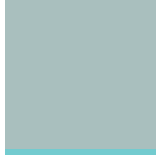
Trichromacy



Original Color
6DCEBB



Protanomaly
A3C2B5



Deuteranomaly
A9BFBE

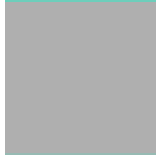


Tritanomaly
73CBCF

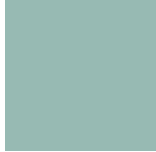
Monochromacy



Original Color
6DCEBB



Achromatopsia
AFAFAF



Achromatomaly
97BAB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DCEBB 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 #6DCEBB looks like.

```
.text, #text, p{  
    color:#6DCEBB  
}
```

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 #6DCEBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DCEBB  
}
```

Border

The CSS property to change the border of an element to Hex 6DCEBB 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  
#6DCEBB }
```

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

```
.border{ border-color:#6DCEBB }
```

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

Here you see how a box with a 4 pixel #6DCEBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DCEBB; -webkit-box-shadow:4px 4px  
4px 4px #6DCEBB; box-shadow:4px 4px 4px  
4px #6DCEBB }
```

Background

The CSS property to change the background color of an element to Hex 6DCEBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DCEBB }
```

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

```
.background{ background-color:#6DCEBB }
```

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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