

Converting Colors

Hex(6DCBC9)

Have a look what the booklet for
Hex(6DCBC9) contains.

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Color

Hex(6DCBC9)

Conversions

Conversions Part 1

Format	Color
Hex	6DCBC9
RGB	109, 203, 201
RGB Percent	43%, 80%, 79%
CMY	0.5725, 0.2039, 0.2118
CMYK	0.46, 0.00, 0.01, 0.20
HSL	179°, 47%, 61%
HSV	179°, 46%, 80%
XYZ	38.2052, 50.1801, 62.9304
YIQ	174.6660, -55.3820, -20.5500

Conversions

Conversions Part 2

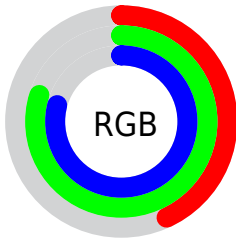
Format	Color
RYB	109, 157, 203
Decimal	7195593
CIELab	76.18, -28.32, -7.67
CIELCh	76, 29.341, 195.144
Yxy	50.1801, 0.2525, 0.3316
Android (android.graphics.Color)	4285385673 (0xFF6DCBC9)
YUV	174.6660, 12.9827, -57.5891
Hunter-Lab	70.8379, -27.6955, -3.0850

Details

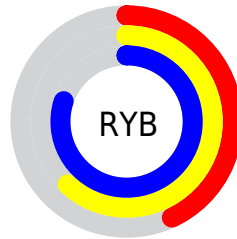
The Hex color **6DCBC9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CB6D6F**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A6FFFF**, and **319493** is the 20% darker color. If you saturate the color by 10%, you get **59CBC9**, and if you desaturate by 10%, it is **81CBC9**.

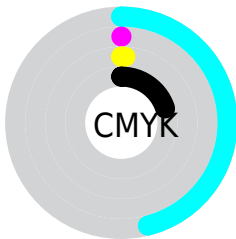
Distribution



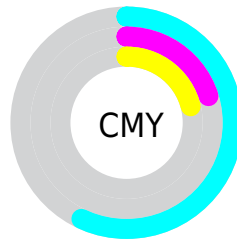
- Red (43%)
- Green (80%)
- Blue (79%)



- Red (43%)
- Yellow (62%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (57%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DCBC9 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 6DCBC9 by changing the saturation by 10% instead.

 6DCBC9

 6DCBC9

FFFFFF

 50AFAE

 A6FFFF

 319493

 C3FFFF

 007A79

 E1FFFF


 006161

FEFFFF

 004949

 003232

 001F1D

 000003

 000000

6DCBC9

6DCBC9

59CBC9

81CBC9

44CBC8

96CBCA

30CBC8

AACBCA

1CCBC7

BECBCB

08CBC7

D3CBCB

00CBC7

E7CBCC

FBCBCC

FFCBCC

FFCBCD

Harmonies

Analogous

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



84CAAD



6DCBC9



6CC8E1

Triad

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



6DCBC9



D1B0E2



DCB688

Complementary

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



6DCBC9



CB6D6F

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.



EDAD97



6DCBC9



E9A9CA

Square

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



6DCBC9



ADBAF0



F3A8AF



C1BF87

Rectangle

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



6DCBC9



7CC5EC



F3A8AF



E3B28B

Sweetspot

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



6DCBC9



DBFFFE



70CB6D



6A807F



000000



808080

Same Dimension

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



6DCBC9



70FFFC



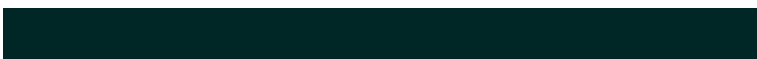
6D9FCB



5C6666



00A6A2



002625

Inverse Universe

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



CB6D6F



FF7073



CB996D



665C5C



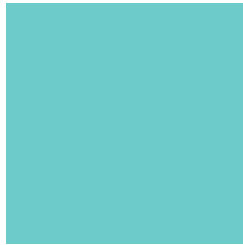
A60004



260001

Previews

White Background



This preview shows how the Hex color 6DCBC9 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 6DCBC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

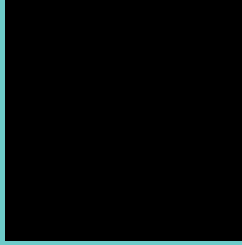
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

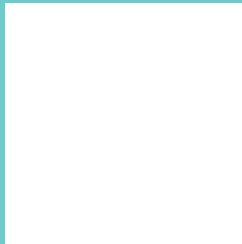
Any Text WCAG AAA ✓ Pass

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

Hex 6DCBC9 Background



This preview shows how black text looks on a background with the Hex color 6DCBC9.

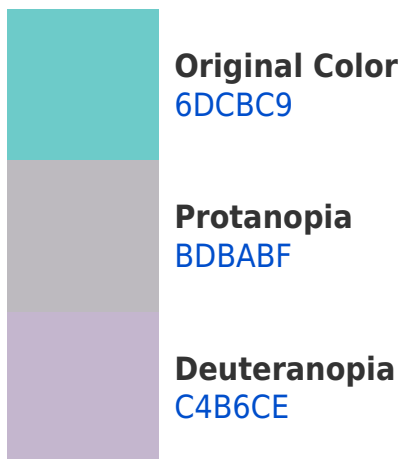


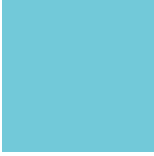
This preview shows how white text looks on a background with the Hex color 6DCBC9.

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



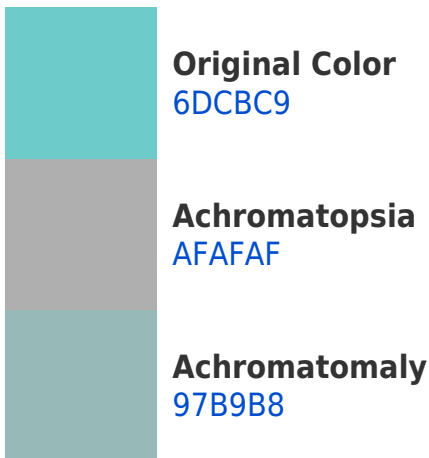


Tritanopia
72C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DCBC9 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 #6DCBC9 looks like.

```
.text, #text, p{  
    color:#6DCBC9  
}
```

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 #6DCBC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DCBC9
}
```

Border

The CSS property to change the border of an element to Hex 6DCBC9 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
#6DCBC9 }
```

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

```
.border{ border-color:#6DCBC9 }
```

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

Here you see how a box with a 4 pixel #6DCBC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DCBC9; -webkit-box-shadow:4px 4px  
4px 4px #6DCBC9; box-shadow:4px 4px 4px  
4px #6DCBC9 }
```

Background

The CSS property to change the background color of an element to Hex 6DCBC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DCBC9 }
```

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

```
.background{ background-color:#6DCBC9 }
```

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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