

Converting Colors

Hex(6DC9B3)

Have a look what the booklet for
Hex(6DC9B3) contains.

Hex(6DC9B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6DC9B3)

Conversions

Conversions Part 1

Format	Color
Hex	6DC9B3
RGB	109, 201, 179
RGB Percent	43%, 79%, 70%
CMY	0.5725, 0.2118, 0.2980
CMYK	0.46, 0.00, 0.11, 0.21
HSL	166°, 46%, 61%
HSV	166°, 46%, 79%
XYZ	35.3300, 48.2792, 50.1046
YIQ	170.9840, -47.7700, -26.3460

Conversions

Conversions Part 2

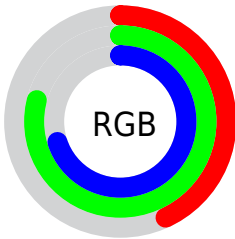
Format	Color
RYB	109, 161, 201
Decimal	7195059
CIELab	75.00, -32.74, 2.49
CIELCh	75, 32.834, 175.651
Yxy	48.2792, 0.2642, 0.3611
Android (android.graphics.Color)	4285385139 (0xFF6DC9B3)
YUV	170.9840, 3.9519, -54.3600
Hunter-Lab	69.4832, -30.8341, 5.8841

Details

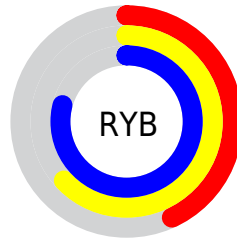
The Hex color **6DC9B3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C96D83**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A5FFEB**, and **33927E** is the 20% darker color. If you saturate the color by 10%, you get **59C9AE**, and if you desaturate by 10%, it is **81C9B8**.

Distribution



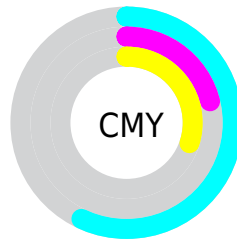
- Red (43%)
- Green (79%)
- Blue (70%)



- Red (43%)
- Yellow (63%)
- Blue (79%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)



- Cyan (57%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DC9B3 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 6DC9B3 by changing the saturation by 10% instead.

 6DC9B3

 6DC9B3

FFFFFF

 51AD98

 A5FFEB

 33927E

 C2FFFF

 0C7865

 DFFFFF


 005F4D

FDFFFF

 004737

 003021

 001A0B

 000000

 6DC9B3

 6DC9B3

 59C9AE

 81C9B8

 45C9A9

 95C9BD

 31C9A5

 A9C9C1

 1DC9A0

 BDC9C6

 08C99B

 D2C9CB

 00C999

 E6C9D0

 FAC9D5

 FFC9D9

 FFC9DE

Harmonies

Analogous

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



90C696



6DC9B3



56C9D2

Triad

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



6DC9B3



B7B2EF



E9AB88

Complementary

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



6DC9B3



C96D83

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.



F5A4A0



6DC9B3



DBA8DB

Square

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



6DC9B3



8ABDF4



F0A2BE



D2B57C

Rectangle

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



6DC9B3



59C6E3



F0A2BE



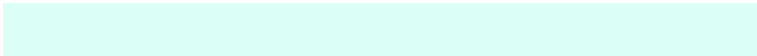
EFA88F

Sweetspot

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



6DC9B3



DBFFF6



84C96D



6A807A



000000



808080

Same Dimension

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



6DC9B3



73FFDD



6DB2C9



5A6361



00A37C



00241B

Inverse Universe

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



C96D83



FF7394



C9846D



635A5C



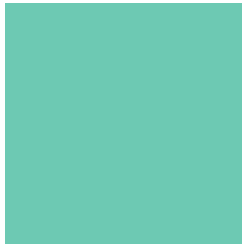
A30027



240009

Previews

White Background



This preview shows how the Hex color 6DC9B3 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 6DC9B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

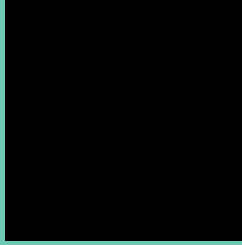
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

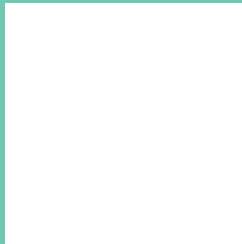
Any Text WCAG AAA ✓ Pass

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

Hex 6DC9B3 Background



This preview shows how black text looks on a background with the Hex color 6DC9B3.

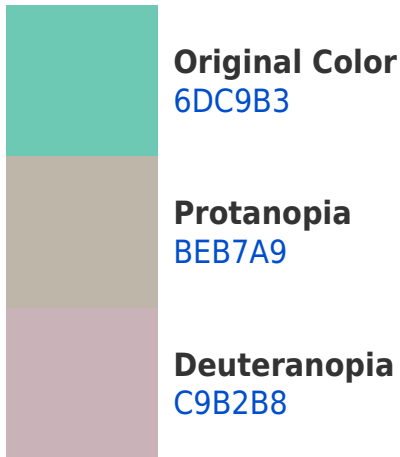


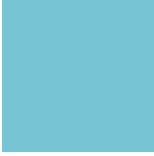
This preview shows how white text looks on a background with the Hex color 6DC9B3.

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](#).

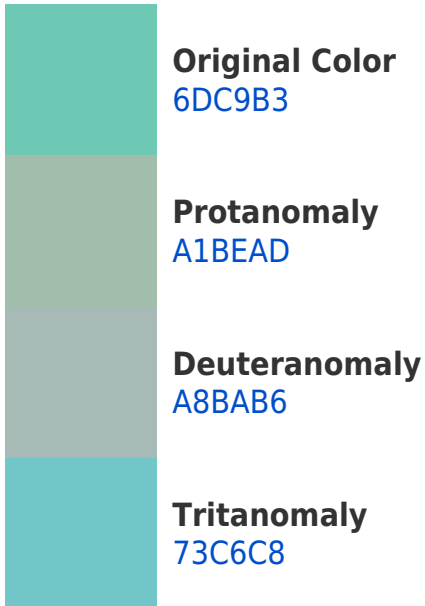
Dichromacy



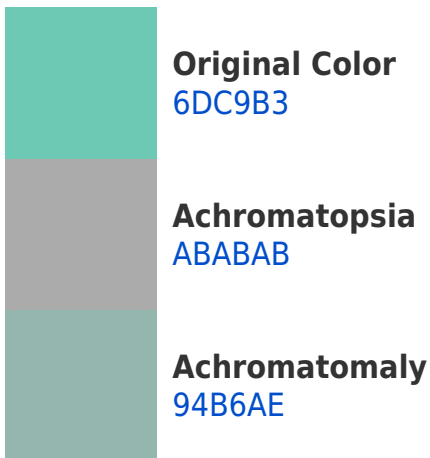


Tritanopia
76C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DC9B3 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 #6DC9B3 looks like.

```
.text, #text, p{  
    color:#6DC9B3  
}
```

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 #6DC9B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC9B3
}
```

Border

The CSS property to change the border of an element to Hex 6DC9B3 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
#6DC9B3 }
```

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

```
.border{ border-color:#6DC9B3 }
```

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

Here you see how a box with a 4 pixel #6DC9B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC9B3; -webkit-box-shadow:4px 4px  
4px 4px #6DC9B3; box-shadow:4px 4px 4px  
4px #6DC9B3 }
```

Background

The CSS property to change the background color of an element to Hex 6DC9B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC9B3 }
```

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

```
.background{ background-color:#6DC9B3 }
```

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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