

Converting Colors

Hex(6DBBD9)

Have a look what the booklet for
Hex(6DBBD9) contains.

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Color

Hex(6DBBD9)

Conversions

Conversions Part 1

Format	Color
Hex	6DBBD9
RGB	109, 187, 217
RGB Percent	43%, 73%, 85%
CMY	0.5725, 0.2667, 0.1490
CMYK	0.50, 0.14, 0.00, 0.15
HSL	197°, 59%, 64%
HSV	197°, 50%, 85%
XYZ	36.6014, 43.8016, 72.1711
YIQ	167.0980, -56.1180, -7.2060

Conversions

Conversions Part 2

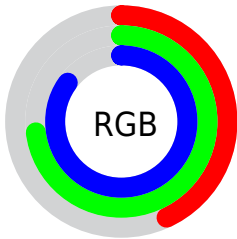
Format	Color
RYB	109, 154, 217
Decimal	7191513
CIELab	72.10, -15.96, -22.49
CIELCh	72, 27.576, 234.647
Yxy	43.8016, 0.2399, 0.2871
Android (android.graphics.Color)	4285381593 (0xFF6DBBD9)
YUV	167.0980, 24.6017, -50.9519
Hunter-Lab	66.1828, -17.1032, -18.3267

Details

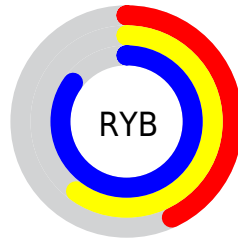
The Hex color **6DBBD9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D98B6D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A6F3FF**, and **3086A2** is the 20% darker color. If you saturate the color by 10%, you get **57B5D9**, and if you desaturate by 10%, it is **83C1D9**.

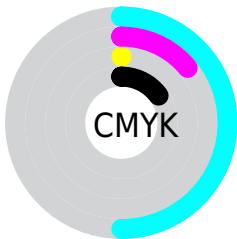
Distribution



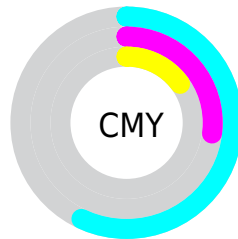
- Red (43%)
- Green (73%)
- Blue (85%)



- Red (43%)
- Yellow (60%)
- Blue (85%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DBBD9 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 6DBBD9 by changing the saturation by 10% instead.

 6DBBD9

 6DBBD9

FFFFFF

 50A0BD

 A6F3FF

 3086A2

 C3FFFF

 006C88

 E1FFFF

 00546E

FEFFFF

 003D56

 00273F

 001029

 000113

 000000

■ 6DBBD9

■ 6DBBD9

■ 57B5D9

■ 83C1D9

■ 42AFD9

■ 98C7D9

■ 2CA9D9

■ AECDD9

■ 16A3D9

■ C4D3D9

■ 009DD9

■ DAD9D9

■ EFD9D9

■ FFE5D9

■ FFE9D9

■ FFF1D9

Harmonies

Analogous

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



65BEC5



6DBBD9



8BB4E2

Triad

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



6DBBD9



DF9FB6



ADB683

Complementary

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



6DBBD9



D98B6D

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.



C7AE7F



6DBBD9



E49F9D

Square

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



6DBBD9



CDA4CE



DBA589



90BC93

Rectangle

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



6DBBD9



A3AFE1



DBA589



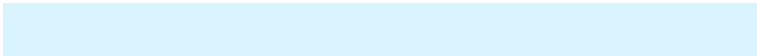
B6B380

Sweetspot

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



6DBBD9



D9F4FF



6DD98A



697980



000000



808080

Same Dimension

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



6DBBD9



66D5FF



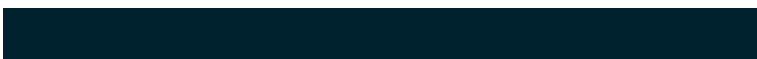
6D86D9



636B6E



007DAD



00212E

Inverse Universe

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



D96DBB



FF66D5



D9C06D



6E636B



AD007D



2E0021

Previews

White Background



This preview shows how the Hex color 6DBBD9 looks on a white background.

Color Contrast Check

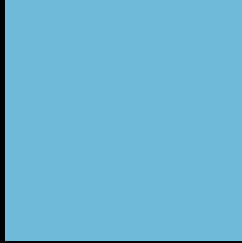
Large Text (above 18pt) WCAG AA × Fail

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 6DBBD9 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 6DBBD9 Background



This preview shows how black text looks on a background with the Hex color 6DBBD9.

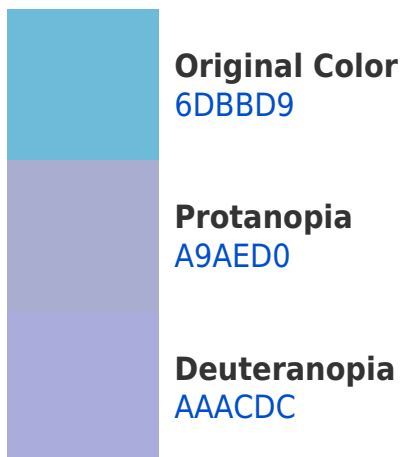


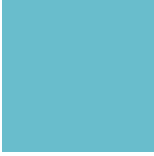
This preview shows how white text looks on a background with the Hex color 6DBBD9.

Color Blindness Simulation

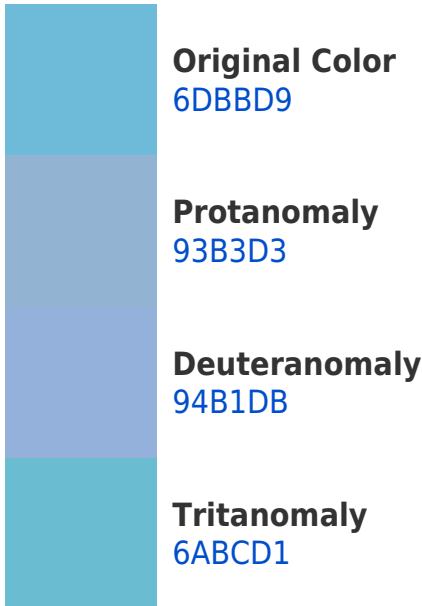
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

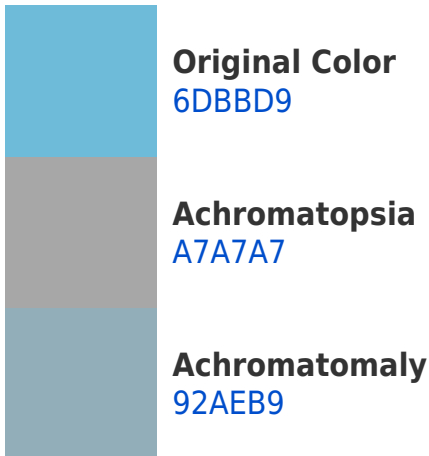




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DBBD9 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 #6DBBD9 looks like.

```
.text, #text, p{  
    color:#6DBBD9  
}
```

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 #6DBBD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DBBD9
}
```

Border

The CSS property to change the border of an element to Hex 6DBBD9 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
#6DBBD9 }
```

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

```
.border{ border-color:#6DBBD9 }
```

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

Here you see how a box with a 4 pixel #6DBBD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DBBD9; -webkit-box-shadow:4px 4px  
4px 4px #6DBBD9; box-shadow:4px 4px 4px  
4px #6DBBD9 }
```

Background

The CSS property to change the background color of an element to Hex 6DBBD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DBBD9 }
```

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

```
.background{ background-color:#6DBBD9 }
```

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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