

Converting Colors

Hex(6DB0D4)

Have a look what the booklet for
Hex(6DB0D4) contains.

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Color

Hex(6DB0D4)

Conversions

Conversions Part 1

Format	Color
Hex	6DB0D4
RGB	109, 176, 212
RGB Percent	43%, 69%, 83%
CMY	0.5725, 0.3098, 0.1686
CMYK	0.49, 0.17, 0.00, 0.17
HSL	201°, 54%, 63%
HSV	201°, 49%, 83%
XYZ	33.7157, 39.0553, 68.0488
YIQ	160.0710, -51.4880, -3.0080

Conversions

Conversions Part 2

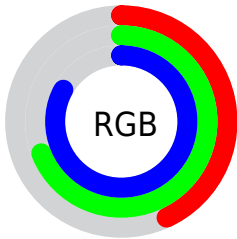
Format	Color
RYB	109, 150, 212
Decimal	7188692
CIELab	68.79, -11.54, -24.80
CIElCh	69, 27.355, 245.057
Yxy	39.0553, 0.2394, 0.2773
Android (android.graphics.Color)	4285378772 (0xFF6DB0D4)
YUV	160.0710, 25.6010, -44.7893
Hunter-Lab	62.4943, -13.0642, -20.8137

Details

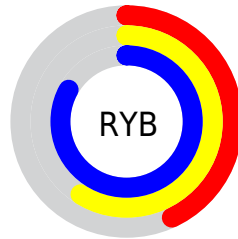
The Hex color **6DB0D4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4916D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A6E8FF**, and **327C9D** is the 20% darker color. If you saturate the color by 10%, you get **58A9D4**, and if you desaturate by 10%, it is **82B7D4**.

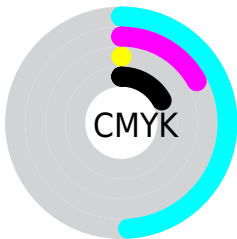
Distribution



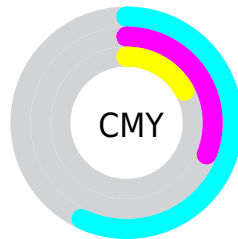
- Red (43%)
- Green (69%)
- Blue (83%)



- Red (43%)
- Yellow (59%)
- Blue (83%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (57%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB0D4 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 6DB0D4 by changing the saturation by 10% instead.

 6DB0D4

 6DB0D4

FFFFFF

 5195B8

 A6E8FF

 327C9D

 C2FFFF

 076383

 E0FFFF

 004B6A

FDFDFD

 003451

 001F3A

 000225

 00010D

 000000

6DB0D4

6DB0D4

58A9D4

82B7D4

43A1D4

97BFD4

2D9AD4

ADC6D4

1892D4

C2CED4

038BD4

D7D5D4

008AD4

ECDCD4

FFE4D4

FFEBD4

FFF3D4

Harmonies

Analogous

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



5CB4C3



6DB0D4



8EA9D9

Triad

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



6DB0D4



D996A4



9AAF7F

Complementary

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



6DB0D4



D4916D

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.



B5A876



6DB0D4



D8988D

Square

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



6DB0D4



CB99BD



CB9F7C



7EB492

Rectangle

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



6DB0D4



A6A3D5



CB9F7C



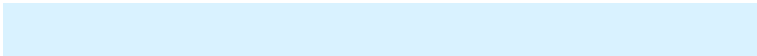
A4AD7B

Sweetspot

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



6DB0D4



D9F2FF



6DD48F



697780



000000



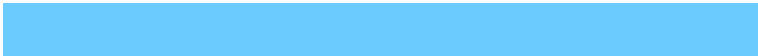
808080

Same Dimension

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



6DB0D4



6BCBFF



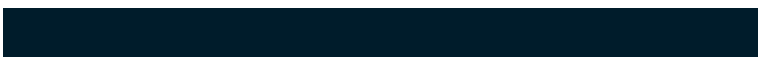
6D7ED4



60676B



006FAB



001C2B

Inverse Universe

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



D46DB0



FF6BCB



D4C36D



6B6067



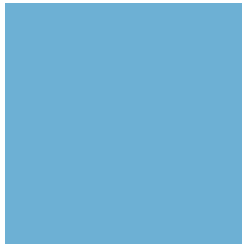
AB006F



2B001C

Previews

White Background



This preview shows how the Hex color 6DB0D4 looks on a white background.

Color Contrast Check

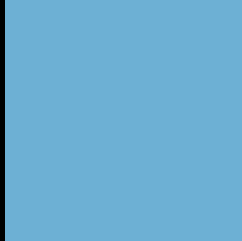
Large Text (above 18pt) WCAG AA × Fail

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 6DB0D4 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 6DB0D4 Background



This preview shows how black text looks on a background with the Hex color 6DB0D4.

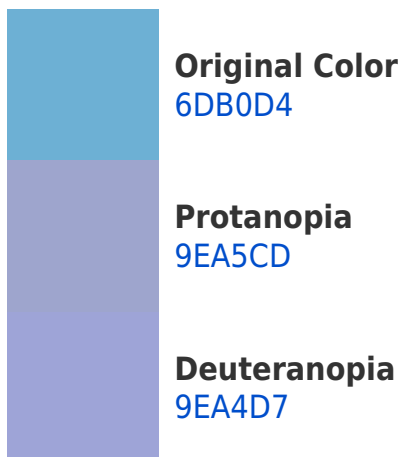


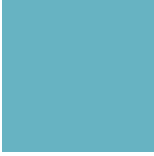
This preview shows how white text looks on a background with the Hex color 6DB0D4.

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](#).

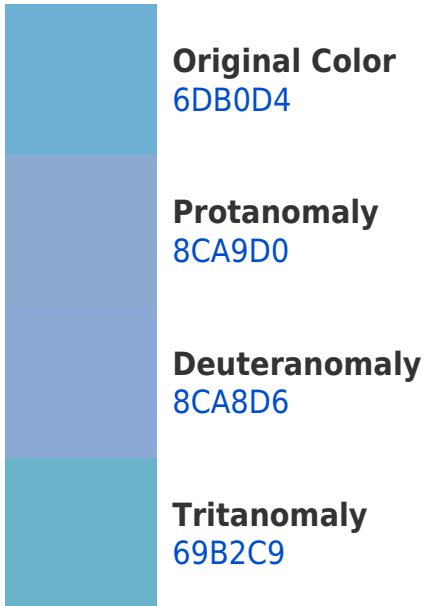
Dichromacy



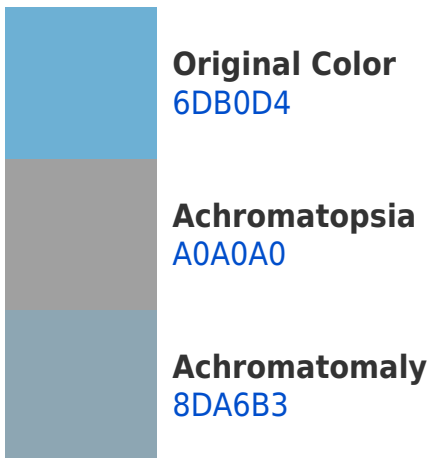


Tritanopia
67B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB0D4 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 #6DB0D4 looks like.

```
.text, #text, p{
  color:#6DB0D4
}
```

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 #6DB0D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB0D4
}
```

Border

The CSS property to change the border of an element to Hex 6DB0D4 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
#6DB0D4 }
```

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

```
.border{ border-color:#6DB0D4 }
```

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

Here you see how a box with a 4 pixel #6DB0D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB0D4; -webkit-box-shadow:4px 4px  
4px 4px #6DB0D4; box-shadow:4px 4px 4px  
4px #6DB0D4 }
```

Background

The CSS property to change the background color of an element to Hex 6DB0D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB0D4 }
```

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

```
.background{ background-color:#6DB0D4 }
```

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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