

# Converting Colors

Hex(6DB9E2)

Have a look what the booklet for  
Hex(6DB9E2) contains.

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# **Color**

**Hex(6DB9E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DB9E2
RGB	109, 185, 226
RGB Percent	43%, 73%, 89%
CMY	0.5725, 0.2745, 0.1137
CMYK	0.52, 0.18, 0.00, 0.11
HSL	201°, 67%, 66%
HSV	201°, 52%, 89%
XYZ	37.3831, 43.4401, 78.3660
YIQ	166.9500, -58.4570, -3.3610

# Conversions

## Conversions Part 2

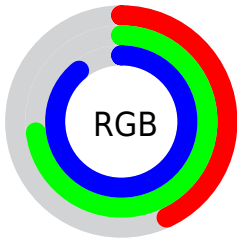
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	109, 155, 226
Decimal	7191010
CIELab	71.85, -12.34, -27.76
CIELCh	72, 30.381, 246.041
Yxy	43.4401, 0.2348, 0.2729
Android (android.graphics.Color)	4285381090 (0xFF6DB9E2)
YUV	166.9500, 29.1116, -50.8222
Hunter-Lab	65.9091, -14.0972, -24.3595

# Details

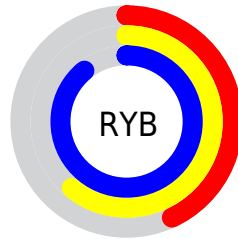
The Hex color **6DB9E2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E2966D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A7F1FF**, and **2F84AB** is the 20% darker color. If you saturate the color by 10%, you get **56B1E2**, and if you desaturate by 10%, it is **84C1E2**.

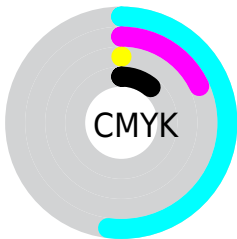
# Distribution



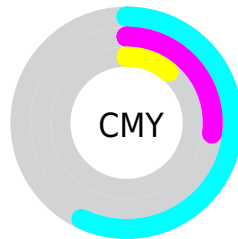
- Red (43%)
- Green (73%)
- Blue (89%)



- Red (43%)
- Yellow (61%)
- Blue (89%)



- Cyan (52%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (27%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DB9E2 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 6DB9E2 by changing the saturation by 10% instead.



 6DB9E2

 6DB9E2

FFFFFF

 4F9EC6

 A7F1FF

 2F84AB

 C4FFFF

 006B90

 E2FFFF

 005376

 003B5D

 002645

 00102F

 00011A

 000000

■ 6DB9E2

■ 6DB9E2

■ 56B1E2

■ 84C1E2

■ 40A9E2

■ 9AC9E2

■ 29A1E2

■ B1D1E2

■ 1399E2

■ C7D9E2

■ 0093E2

■ DEE1E2

■ F5E9E2

■ FFF0E2

■ FFF8E2

■ FFFF E2

# Harmonies

## Analogous

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



58BED0



6DB9E2



94B1E7

# Triad

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



6DB9E2



E79BAB



A0B883

# Complementary

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



6DB9E2



E2966D

# 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.



BEB079



6DB9E2



E59F91

# Square

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



6DB9E2



D89FC7



D7A77E



80BD99

# Rectangle

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



6DB9E2



AFAAE2



D7A77E



AAB67E

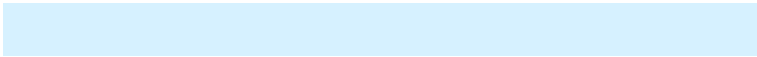


# Sweetspot

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



6DB9E2



D6F1FF



6DE296



677780



000000



808080

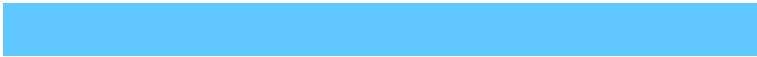


# Same Dimension

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



6DB9E2



61C8FF



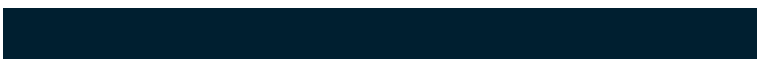
6D7FE2



656C70



0072B0



001F30



# Inverse Universe

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



E26DB9



FF61C8



E2D06D



70656C



B00072

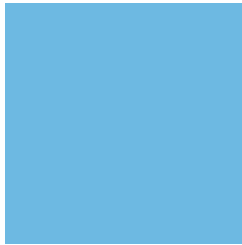


30001F



# Previews

## White Background



This preview shows how the Hex color 6DB9E2 looks on a white background.

## Color Contrast Check

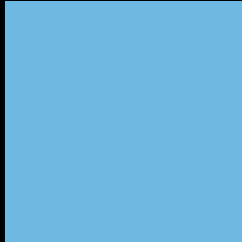
Large Text (above 18pt) WCAG AA × Fail

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 6DB9E2 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

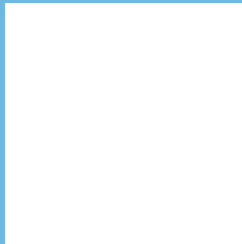
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DB9E2 Background



This preview shows how black text looks on a background with the Hex color 6DB9E2.

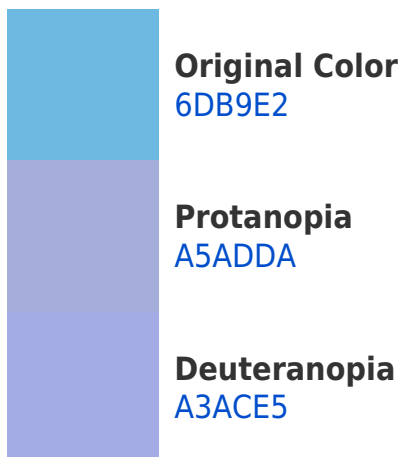


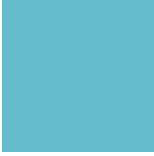
This preview shows how white text looks on a background with the Hex color 6DB9E2.

# Color Blindness Simulation

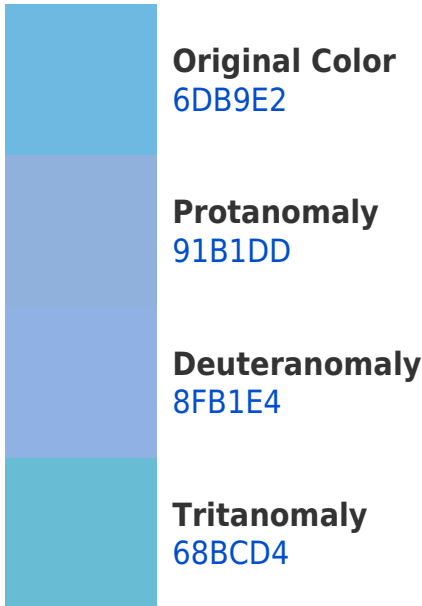
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

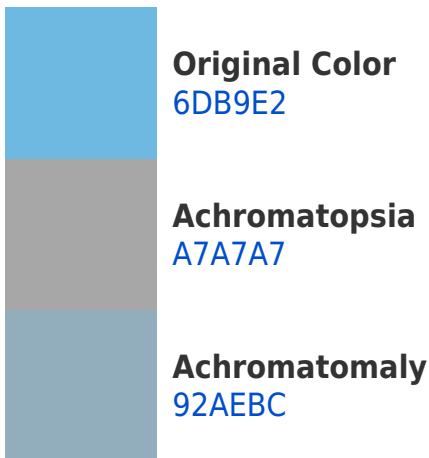




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DB9E2 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 #6DB9E2 looks like.

```
.text, #text, p{  
    color:#6DB9E2  
}
```

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 #6DB9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB9E2
}
```

## Border

The CSS property to change the border of an element to Hex 6DB9E2 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
#6DB9E2 }
```

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

```
.border{ border-color:#6DB9E2 }
```

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

Here you see how a box with a 4 pixel #6DB9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB9E2; -webkit-box-shadow:4px 4px  
4px 4px #6DB9E2; box-shadow:4px 4px 4px  
4px #6DB9E2 }
```

# Background

The CSS property to change the background color of an element to Hex 6DB9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB9E2 }
```

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

```
.background{ background-color:#6DB9E2 }
```

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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