

# Converting Colors

Hex(7DB9E6)

Have a look what the booklet for  
Hex(7DB9E6) contains.

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# **Color**

**Hex(7DB9E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DB9E6
RGB	125, 185, 230
RGB Percent	49%, 73%, 90%
CMY	0.5098, 0.2745, 0.0980
CMYK	0.46, 0.20, 0.00, 0.10
HSL	206°, 68%, 70%
HSV	206°, 46%, 90%
XYZ	40.0893, 44.7711, 81.3917
YIQ	172.1900, -50.2050, 1.2750

# Conversions

## Conversions Part 2

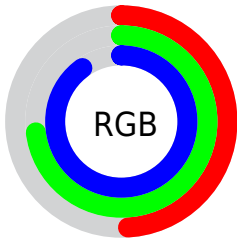
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 163, 230
Decimal	8239590
CIE Lab	72.74, -7.53, -28.51
CIE LCh	73, 29.487, 255.203
Yxy	44.7711, 0.2411, 0.2693
Android (android.graphics.Color)	4286429670 (0xFF7DB9E6)
YUV	172.1900, 28.5003, -41.3856
Hunter-Lab	66.9112, -10.1476, -25.2833

# Details

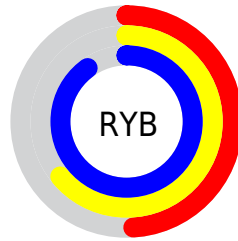
The Hex color **7DB9E6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E6AA7D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B6F1FF**, and **4484AE** is the 20% darker color. If you saturate the color by 10%, you get **66AFE6**, and if you desaturate by 10%, it is **94C3E6**.

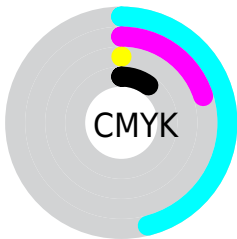
# Distribution



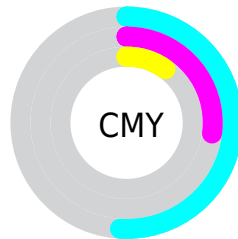
- Red (49%)
- Green (73%)
- Blue (90%)



- Red (49%)
- Yellow (64%)
- Blue (90%)



- Cyan (46%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (51%)
- Magenta (27%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DB9E6 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 7DB9E6 by changing the saturation by 10% instead.



 7DB9E6

 7DB9E6

FFFFFF

 619ECA

 B6F1FF

 4484AE

 D3FFFF

 246B94

 F0FFFF

 00537A

 003C61

 002649

 001232

 00021C

 000000

 7DB9E6

 7DB9E6

 66AFE6

 94C3E6

 4FA5E6

 ABCDE6

 389BE6

 C2D7E6

 2192E6

 D9E0E6

 0A88E6

 F0EAE6

 0083E6

 FFF4E6

 FFFEE6

 FFFF6E

# Harmonies

## Analogous

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



62BFD8



7DB9E6



A4B0E6

# Triad

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



7DB9E6



E99FA6



99BC8C

# Complementary

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



7DB9E6



E6AA7D

# 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.



B8B57E



7DB9E6



E3A48D

# Square

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



7DB9E6



E0A0C1



D2AC7F



7AC1A4

# Rectangle

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



7DB9E6



BDAADF



D2AC7F



A4BA86

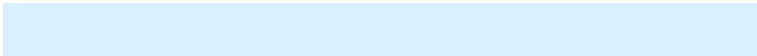


# Sweetspot

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



7DB9E6



DBF0FF



7DE6A9



6A7680



000000



808080

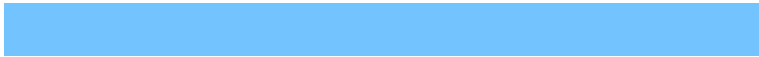


# Same Dimension

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



7DB9E6



73C3FF



7D86E6



676E73



0066B3



001D33



# Inverse Universe

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



E67DB9



FF73C3



E6DD7D



73676E



B30066

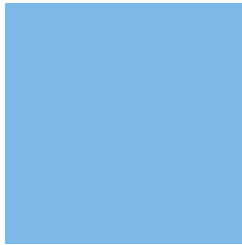


33001D



# Previews

## White Background



This preview shows how the Hex color 7DB9E6 looks on a white background.

## Color Contrast Check

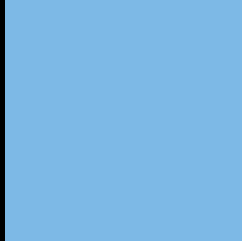
Large Text (above 18pt) WCAG AA × Fail

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 7DB9E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

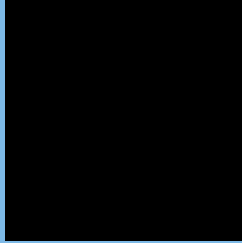
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

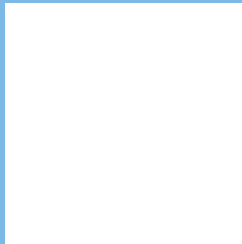
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7DB9E6 Background



This preview shows how black text looks on a background with the Hex color 7DB9E6.

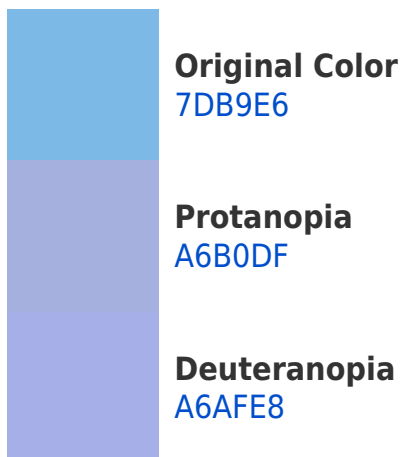


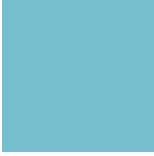
This preview shows how white text looks on a background with the Hex color 7DB9E6.

# 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



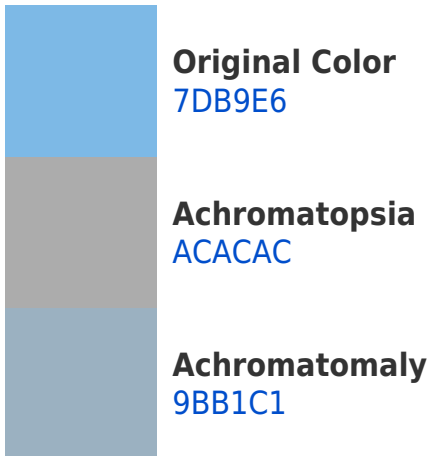


**Tritanopia**  
76BDCD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DB9E6 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 #7DB9E6 looks like.

```
.text, #text, p{  
    color:#7DB9E6  
}
```

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 #7DB9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB9E6  
}
```

## Border

The CSS property to change the border of an element to Hex 7DB9E6 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  
#7DB9E6 }
```

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

```
.border{ border-color:#7DB9E6 }
```

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

Here you see how a box with a 4 pixel #7DB9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB9E6; -webkit-box-shadow:4px 4px  
4px 4px #7DB9E6; box-shadow:4px 4px 4px  
4px #7DB9E6 }
```

# Background

The CSS property to change the background color of an element to Hex 7DB9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB9E6 }
```

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

```
.background{ background-color:#7DB9E6 }
```

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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