

# Converting Colors

Hex(7DBCf9)

Have a look what the booklet for  
Hex(7DBC9) contains.

<b>Hex(7DBC9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7DBC F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DBC F9
RGB	125, 188, 249
RGB Percent	49%, 74%, 98%
CMY	0.5098, 0.2627, 0.0235
CMYK	0.50, 0.24, 0.00, 0.02
HSL	210°, 91%, 73%
HSV	210°, 50%, 98%
XYZ	43.5395, 47.1660, 96.4317
YIQ	176.1170, -57.1290, 5.6150

# Conversions

## Conversions Part 2

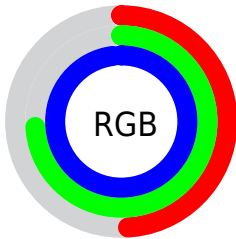
Format	Color
R <sub>Y</sub> B	125, 167, 249
Decimal	8240377
CIE Lab	74.30, -3.77, -36.38
CIE LCh	74, 36.578, 264.084
Yxy	47.1660, 0.2327, 0.2520
Android (android.graphics.Color)	4286430457 (0xFF7DBC9)
YUV	176.1170, 35.9313, -44.8296
Hunter-Lab	68.6775, -7.0217, -35.1763

# Details

The Hex color **7DBCFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9BA7D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B7F4FF**, and **4187C0** is the 20% darker color. If you saturate the color by 10%, you get **64B0F9**, and if you desaturate by 10%, it is **96C8F9**.

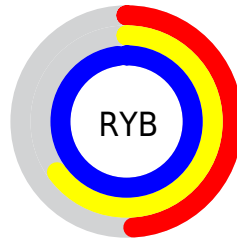
# Distribution



Red (49%)

Green (74%)

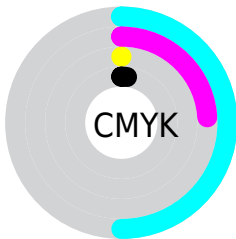
Blue (98%)



Red (49%)

Yellow (65%)

Blue (98%)

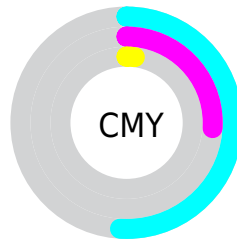


Cyan (50%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (26%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DBCF9 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 7DBCF9 by changing the saturation by 10% instead.



 7DBC9F

 7DBC9F

FFFFFF

 60A1DC

 B7F4FF

 4187C0

 D5FFFF

 1A6EA5

 F3FFFF

 00568A

 003F71

 002958

 001540

 00032A

 000114

 7DBCF9

 7DBCF9

 64B0F9

 96C8F9

 4BA4F9

 AFD4F9

 3297F9

 C8E1F9

 198BF9

 E1EDF9

 017FF9

 FAF9F9

 007FF9

 FFFFF9

# Harmonies

## Analogous

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



4AC4EC



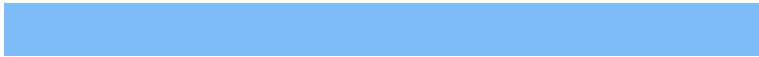
7DBC9



B2B0F4

# Triad

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



7DBC F9



F99 F9D



8BC 58E

# Complementary

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



7DBC F9



F9BA 7D

# 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.



B2BD78



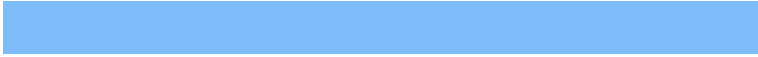
7DBC9



EDA781

# Square

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



7DBC F9



F39E BF



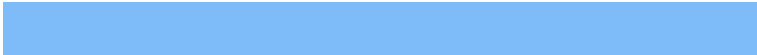
D4B2 74



61C9 AF

# Rectangle

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



7DBC F9



CFA8 E7



D4B2 74



98C2 85



# Sweetspot

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



7DBC F9



D9EC FF



7DF9 B9



6974 80



0000 00



8080 80

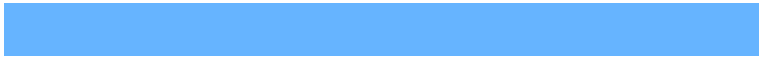


# Same Dimension

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



7DBC9



66B4FF



7D7FF9



70777D



0060BD



001F3D



# Inverse Universe

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



F97DBC



FF66B4



F9F77D



7D7077



BD0060

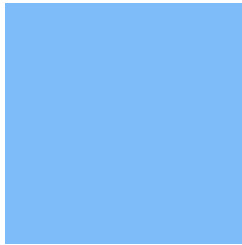


3D001F



# Previews

## White Background



This preview shows how the Hex color 7DBCF9 looks on a white background.

## Color Contrast Check

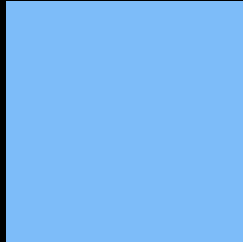
Large Text (above 18pt) WCAG AA × Fail

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 7DBCF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

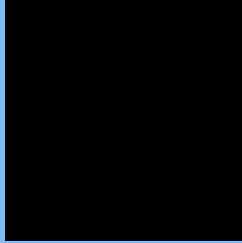
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

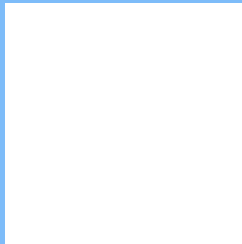
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7DBC9 Background



This preview shows how black text looks on a background with the Hex color 7DBC9.

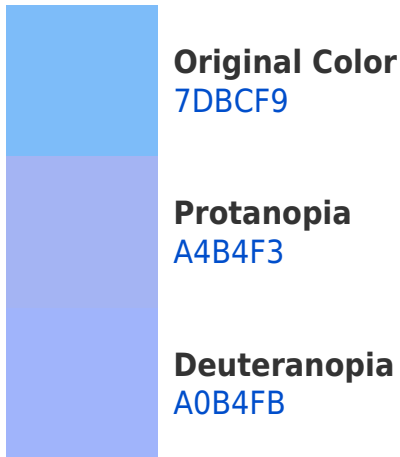


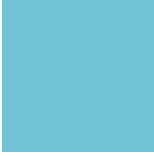
This preview shows how white text looks on a background with the Hex color 7DBC9.

# 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](#).

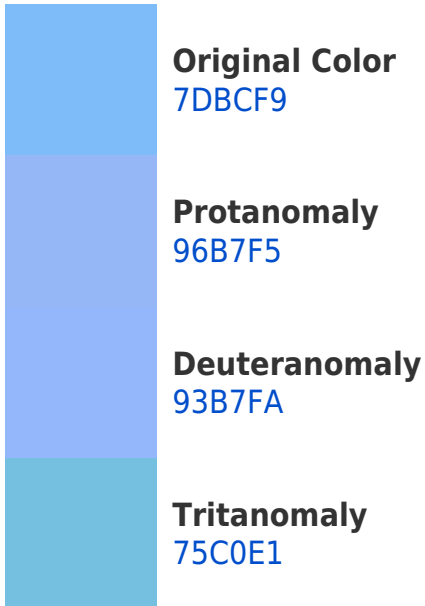
## Dichromacy



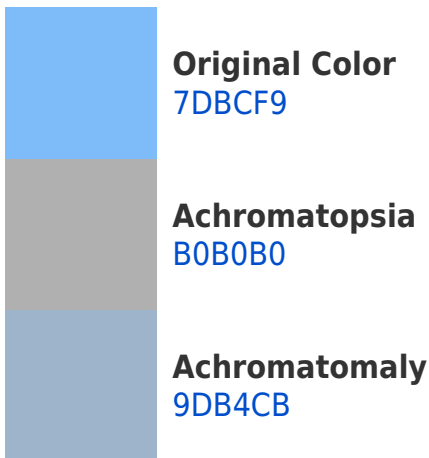


**Tritanopia**  
71C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DBC9F 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 #7DBC9F looks like.

```
.text, #text, p{  
    color:#7DBC9F  
}
```

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 #7DBC99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBC99  
}
```

## Border

The CSS property to change the border of an element to Hex 7DBC99 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  
#7DBC99 }
```

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

```
.border{ border-color:#7DBCf9 }
```

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

Here you see how a box with a 4 pixel #7DBCf9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBCf9; -webkit-box-shadow:4px 4px  
4px 4px #7DBCf9; box-shadow:4px 4px 4px  
4px #7DBCf9 }
```

# Background

The CSS property to change the background color of an element to Hex 7DBC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBC9 }
```

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

```
.background{ background-color:#7DBC9 }
```

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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