

# Converting Colors

Hex(7DBEF0)

Have a look what the booklet for  
Hex(7DBEF0) contains.

<b>Hex(7DBEF0)</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(7DBEF0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7DBEF0
RGB	125, 190, 240
RGB Percent	49%, 75%, 94%
CMY	0.5098, 0.2549, 0.0588
CMYK	0.48, 0.21, 0.00, 0.06
HSL	206°, 79%, 72%
HSV	206°, 48%, 94%
XYZ	42.5991, 47.4782, 89.3571
YIQ	176.2650, -54.7900, 1.7700

# Conversions

## Conversions Part 2

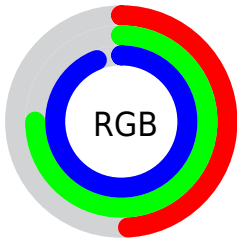
Format	Color
<a href="#">RYB</a>	<a href="#">125, 167, 240</a>
Decimal	<a href="#">8240880</a>
CIELab	<a href="#">74.49, -7.42, -31.22</a>
CIELCh	<a href="#">74, 32.094, 256.628</a>
Yxy	<a href="#">47.4782, 0.2374, 0.2646</a>
Android (android.graphics.Color)	<a href="#">4286430960 (0xFF7DBEF0)</a>
YUV	<a href="#">176.2650, 31.4214, -44.9594</a>
Hunter-Lab	<a href="#">68.9044, -10.2278, -28.6558</a>

# Details

The Hex color **7DBEF0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F0AF7D**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B7F6FF**, and **4289B8** is the 20% darker color. If you saturate the color by 10%, you get **65B4F0**, and if you desaturate by 10%, it is **95C8F0**.

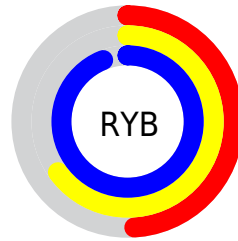
# Distribution



Red (49%)

Green (75%)

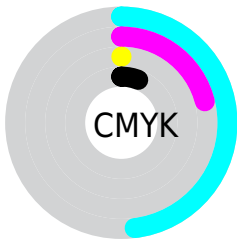
Blue (94%)



Red (49%)

Yellow (65%)

Blue (94%)

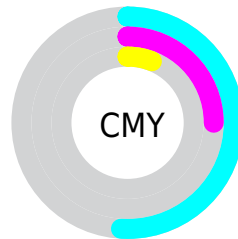


Cyan (48%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (51%)

Magenta (25%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DBEF0 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 7DBEF0 by changing the saturation by 10% instead.



 7DBEF0

 7DBEF0

FFFFFF

 60A3D4

 B7F6FF

 4289B8

 D4FFFF

 1F6F9D

 F2FFFF

 005783

 004069

 002A51

 001639

 000224

 00000B

 7DBEF0

 7DBEF0

 65B4F0

 95C8F0

 4DA9F0

 ADD3F0

 359FF0

 C5DDF0

 1D94F0

 DDE8F0

 058AF0

 F5F2F0

 0088F0

 FFFDF0

 FFFFF0

# Harmonies

## Analogous

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



5CC5E1



7DBEF0



A9B4F0

# Triad

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



7DBEF0



F2A2A8



9AC28E

# Complementary

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



7DBEF0



F0AF7D

# 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.



BBBB7E



7DBEF0



ECA78E

# Square

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



7DBEF0



E9A3C6



D8B17E



77C7A9

# Rectangle

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



7DBEF0



C4ADE7



D8B17E



A5C087

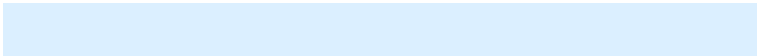


# Sweetspot

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



7DBEF0



DBEFFF



7DF0AF



6A7680



000000



808080

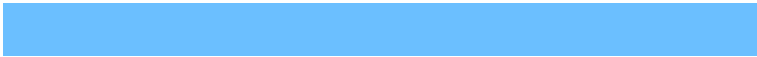


# Same Dimension

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



7DBEFO



6BBFFF



7D85F0



6C7378



0068B8



002038



# Inverse Universe

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



F07DBE



FF6BBF



F0E87D



786C73



B80068

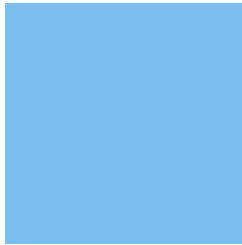


380020



# Previews

## White Background



This preview shows how the Hex color 7DBEF0 looks on a white background.

## Color Contrast Check

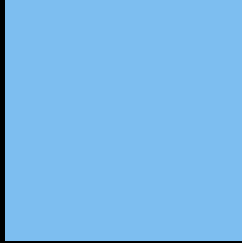
Large Text (above 18pt) WCAG AA × Fail

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 7DBEF0 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 7DBEF0 Background



This preview shows how black text looks on a background with the Hex color 7DBEF0.

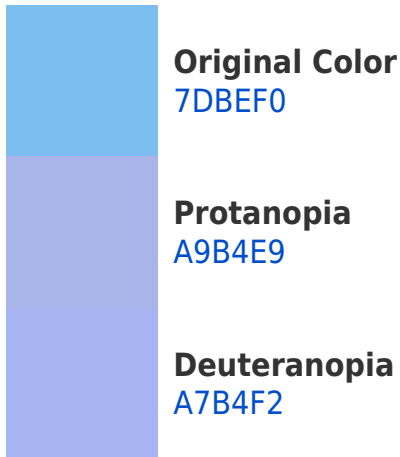


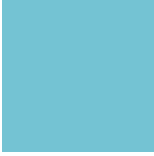
This preview shows how white text looks on a background with the Hex color 7DBEF0.

# 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



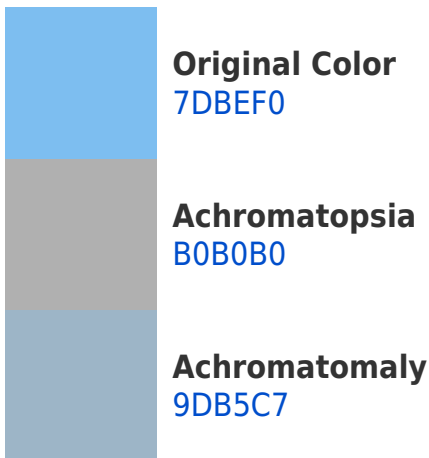


**Tritanopia**  
74C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DBEF0 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 #7DBEF0 looks like.

```
.text, #text, p{  
    color:#7DBEF0  
}
```

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 #7DBEF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBEF0
}
```

## Border

The CSS property to change the border of an element to Hex 7DBEF0 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
#7DBEF0 }
```

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

```
.border{ border-color:#7DBEF0 }
```

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

Here you see how a box with a 4 pixel #7DBEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBEF0; -webkit-box-shadow:4px 4px  
4px 4px #7DBEF0; box-shadow:4px 4px 4px  
4px #7DBEF0 }
```

# Background

The CSS property to change the background color of an element to Hex 7DBEF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBEF0 }
```

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

```
.background{ background-color:#7DBEF0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor