

Converting Colors

Hex(7DBDF0)

Have a look what the booklet for
Hex(7DBDF0) contains.

Hex(7DBDF0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7DBDF0)

Conversions

Conversions Part 1

Format	Color
Hex	7DBDF0
RGB	125, 189, 240
RGB Percent	49%, 74%, 94%
CMY	0.5098, 0.2588, 0.0588
CMYK	0.48, 0.21, 0.00, 0.06
HSL	207°, 79%, 72%
HSV	207°, 48%, 94%
XYZ	42.3832, 47.0464, 89.2851
YIQ	175.6780, -54.5150, 2.2930

Conversions

Conversions Part 2

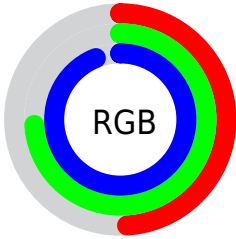
Format	Color
RYB	125, 166, 240
Decimal	8240624
CIELab	74.22, -6.88, -31.65
CIELCh	74, 32.388, 257.728
Yxy	47.0464, 0.2372, 0.2632
Android (android.graphics.Color)	4286430704 (0xFF7DBDF0)
YUV	175.6780, 31.7107, -44.4446
Hunter-Lab	68.5904, -9.7349, -29.1654

Details

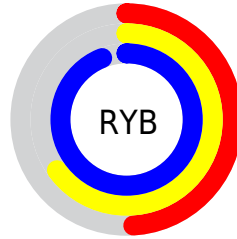
The Hex color **7DBDF0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F0B07D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B7F5FF**, and **4288B8** is the 20% darker color. If you saturate the color by 10%, you get **65B2F0**, and if you desaturate by 10%, it is **95C8F0**.

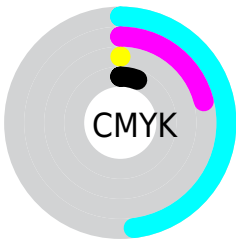
Distribution



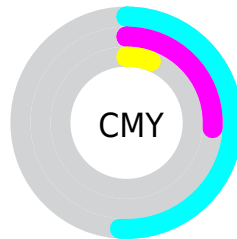
- Red (49%)
- Green (74%)
- Blue (94%)



- Red (49%)
- Yellow (65%)
- Blue (94%)



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)
- Black (6%)



- Cyan (51%)
- Magenta (26%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DBDF0 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 7DBDF0 by changing the saturation by 10% instead.

 7DBDF0

 7DBDF0

FFFFFF

 60A2D4

 B7F5FF

 4288B8

 D4FFFF

 1F6F9D

 F1FFFF

 005683

 003F69

 002951

 001539

 000223

 00000B

 7DBDF0

 7DBDF0

 65B2F0

 95C8F0

 4DA8F0

 ADD2F0

 359DF0

 C5DDF0

 1D92F0

 DDE8F0

 0588F0

 F5F2F0

 0086F0

 FFFDF0

 FFFFF0

Harmonies

Analogous

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



5AC4E2



7DBDF0



AAB3EF

Triad

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



7DBDF0



F2A1A6



97C28E

Complementary

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



7DBDF0



F0B07D

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.



B9BA7D



7DBDF0



EBA78C

Square

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



7DBDF0



E9A1C4



D6B07D



75C6A9

Rectangle

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



7DBDF0



C5ACE6



D6B07D



A3C087

Sweetspot

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



7DBDF0



DBEFFF



7DF0AF



6A7680



000000



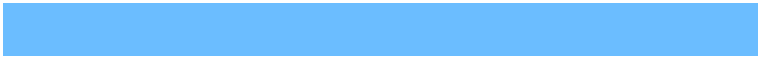
808080

Same Dimension

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



7DBDF0



6BBDFE



7D85F0



6C7378



0066B8



001F38

Inverse Universe

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



F07DBD



FF6BBD



F0E87D



786C73



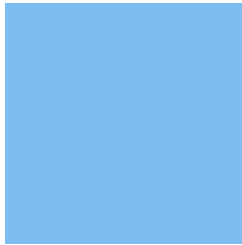
B80066



38001F

Previews

White Background



This preview shows how the Hex color 7DBDF0 looks on a white background.

Color Contrast Check

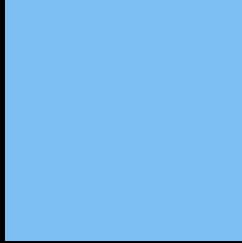
Large Text (above 18pt) WCAG AA × Fail

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 7DBDF0 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 7DBDF0 Background



This preview shows how black text looks on a background with the Hex color 7DBDF0.

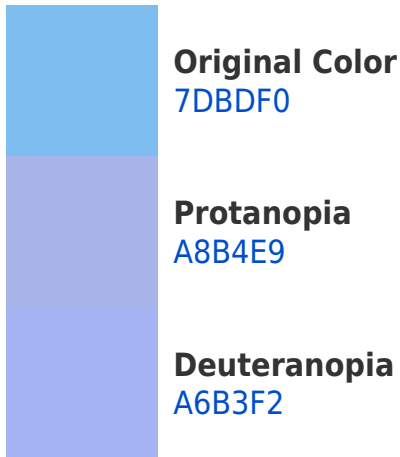


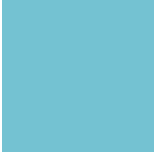
This preview shows how white text looks on a background with the Hex color 7DBDF0.

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](#).

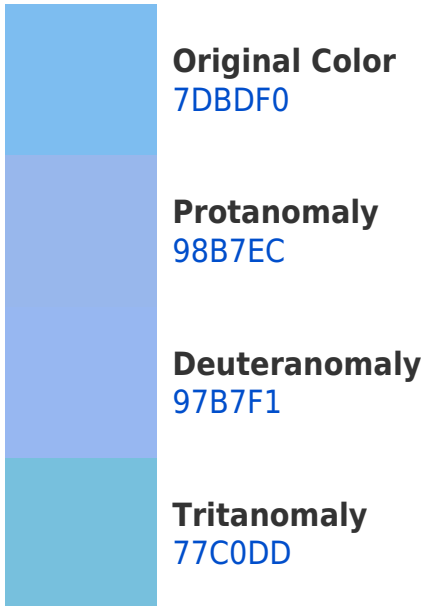
Dichromacy



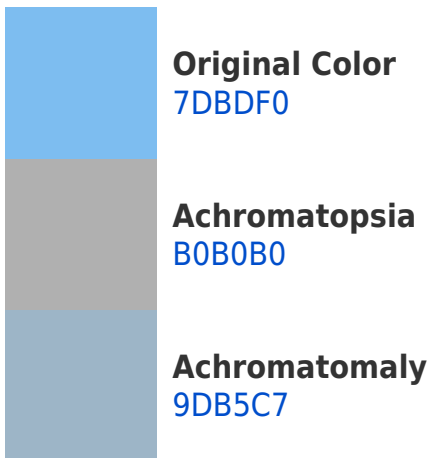


Tritanopia
74C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DBDF0 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 #7DBDF0 looks like.

```
.text, #text, p{  
    color:#7DBDF0  
}
```

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 #7DBDF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DBDF0
}
```

Border

The CSS property to change the border of an element to Hex 7DBDF0 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
#7DBDF0 }
```

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

```
.border{ border-color:#7DBDF0 }
```

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

Here you see how a box with a 4 pixel #7DBDF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DBDF0; -webkit-box-shadow:4px 4px  
4px 4px #7DBDF0; box-shadow:4px 4px 4px  
4px #7DBDF0 }
```

Background

The CSS property to change the background color of an element to Hex 7DBDF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DBDF0 }
```

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

```
.background{ background-color:#7DBDF0 }
```

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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