

Converting Colors

Hex(7DDEF0)

Have a look what the booklet for
Hex(7DDEF0) contains.

Hex(7DDEF0)	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(7DDEF0)

Conversions

Conversions Part 1

Format	Color
Hex	7DDEF0
RGB	125, 222, 240
RGB Percent	49%, 87%, 94%
CMY	0.5098, 0.1294, 0.0588
CMYK	0.48, 0.07, 0.00, 0.06
HSL	189°, 79%, 72%
HSV	189°, 48%, 94%
XYZ	50.3069, 62.8938, 91.9263
YIQ	195.0490, -63.5900, -14.9660

Conversions

Conversions Part 2

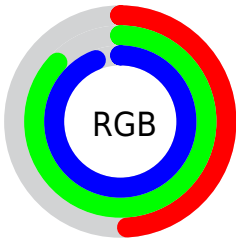
Format	Color
RYB	125, 178, 240
Decimal	8249072
CIELab	83.39, -23.94, -17.67
CIELCh	83, 29.754, 216.434
Yxy	62.8938, 0.2452, 0.3066
Android (android.graphics.Color)	4286439152 (0xFF7DDEF0)
YUV	195.0490, 22.1608, -61.4330
Hunter-Lab	79.3056, -25.5547, -13.2115

Details

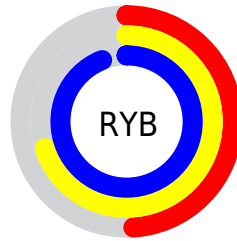
The Hex color **7DDEF0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F08F7D**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B8FFFF**, and **40A7B8** is the 20% darker color. If you saturate the color by 10%, you get **65DAF0**, and if you desaturate by 10%, it is **95E2F0**.

Distribution



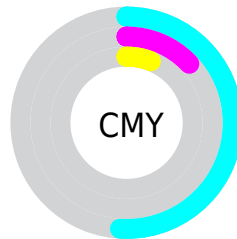
- Red (49%)
- Green (87%)
- Blue (94%)



- Red (49%)
- Yellow (70%)
- Blue (94%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (51%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DDEF0 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 7DDEF0 by changing the saturation by 10% instead.

 7DDEF0

FFFFFF

 B8FFFF

 D5FFFF

 F3FFFF

 7DDEF0

 5FC2D4

 40A7B8

 178C9D

 007283

 005A6A

 004252

 002B3B

 001625

 00010F

 7DDEF0

 7DDEF0

 65DAF0

 95E2F0

 4DD6F0

 ADE6F0

 35D3F0

 C5E9F0

 1DCFF0

 DDEDf0

 05CBF0

 F5F1F0

 00CAF0

 FFF5F0

 FFF8F0

 FFFCF0

 FFFFF0

Harmonies

Analogous

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



85E0D5



7DDEF0



91D9FF

Triad

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



7DDEF0



F9BEE7



DED098

Complementary

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



7DDEF0



F08F7D

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.



F7C69D



7DDEF0



FFBBCB

Square

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



7DDEF0



DCC7FD



FFBF00



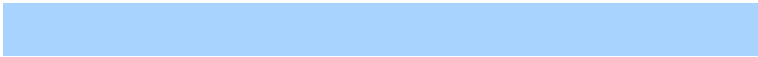
BFD8A2

Rectangle

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



7DDEF0



A8D3FF



FFBF00



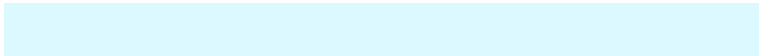
E7CD98

Sweetspot

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



7DDEF0



DBF9FF



7DF08E



6A7C80



000000



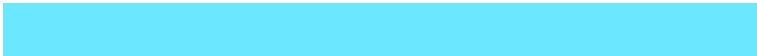
808080

Same Dimension

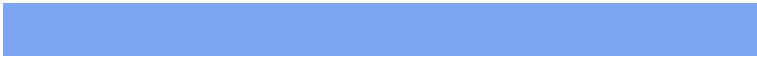
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7DDEF0



6BE8FF



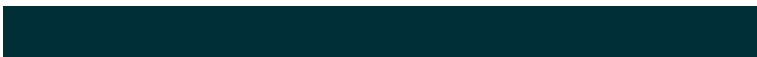
7DA5F0



6C7678



009BB8



002F38

Inverse Universe

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



F07DDE



FF6BE8



F0C87D



786C76



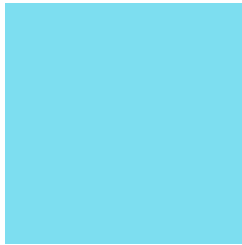
B8009B



38002F

Previews

White Background



This preview shows how the Hex color 7DDEF0 looks on a white background.

Color Contrast Check

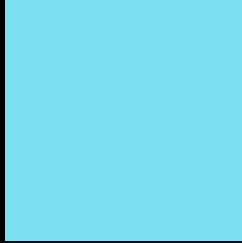
Large Text (above 18pt) WCAG AA × Fail

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 7DDEF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

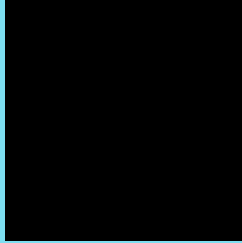
Any Text WCAG AA ✓ Pass

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 7DDEF0 Background



This preview shows how black text looks on a background with the Hex color 7DDEF0.

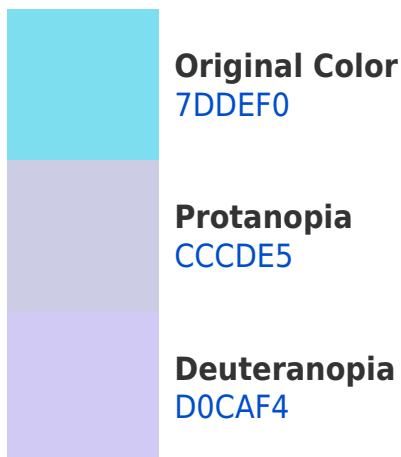


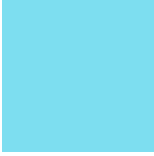
This preview shows how white text looks on a background with the Hex color 7DDEF0.

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](#).

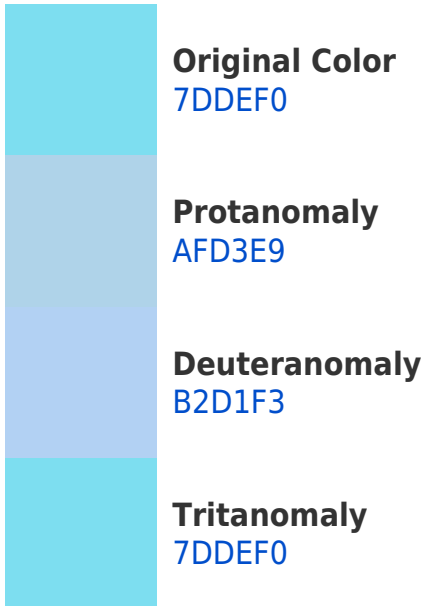
Dichromacy



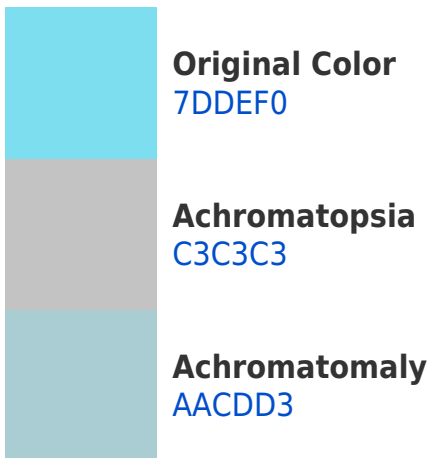


Tritanopia
7DDEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DDEF0 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 #7DDEF0 looks like.

```
.text, #text, p{  
    color:#7DDEF0  
}
```

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 #7DDEF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DDEF0
}
```

Border

The CSS property to change the border of an element to Hex 7DDEF0 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
#7DDEF0 }
```

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

```
.border{ border-color:#7DDEF0 }
```

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

Here you see how a box with a 4 pixel #7DDEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DDEF0; -webkit-box-shadow:4px 4px  
4px 4px #7DDEF0; box-shadow:4px 4px 4px  
4px #7DDEF0 }
```

Background

The CSS property to change the background color of an element to Hex 7DDEF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DDEF0 }
```

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

```
.background{ background-color:#7DDEF0 }
```

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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