

Converting Colors

Hex(7DECF6)

Have a look what the booklet for
Hex(7DECF6) contains.

Hex(7DECF6)	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(7DECF6)

Conversions

Conversions Part 1

Format	Color
Hex	7DECF6
RGB	125, 236, 246
RGB Percent	49%, 93%, 96%
CMY	0.5098, 0.0745, 0.0353
CMYK	0.49, 0.04, 0.00, 0.04
HSL	185°, 87%, 73%
HSV	185°, 49%, 96%
XYZ	55.0875, 71.0047, 97.9906
YIQ	203.9510, -69.3660, -20.4220

Conversions

Conversions Part 2

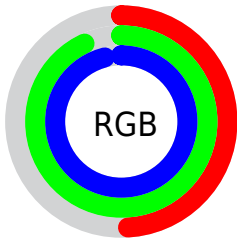
Format	Color
RYB	125, 183, 246
Decimal	8252662
CIELab	87.49, -29.19, -14.67
CIELCh	87, 32.667, 206.682
Yxy	71.0047, 0.2458, 0.3169
Android (android.graphics.Color)	4286442742 (0xFF7DECF6)
YUV	203.9510, 20.7302, -69.2400
Hunter-Lab	84.2643, -30.7688, -9.9631

Details

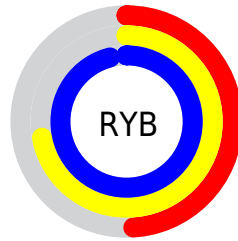
The Hex color **7DECF6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F6877D**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **B9FFFF**, and **3DB4BE** is the 20% darker color. If you saturate the color by 10%, you get **64EAF6**, and if you desaturate by 10%, it is **96EEF6**.

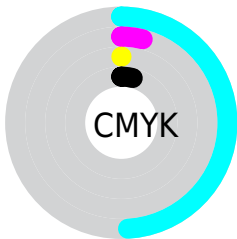
Distribution



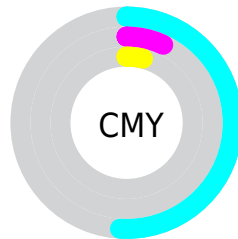
- Red (49%)
- Green (93%)
- Blue (96%)



- Red (49%)
- Yellow (72%)
- Blue (96%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (51%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DECF6 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 7DECF6 by changing the saturation by 10% instead.

 7DECF6

 7DECF6


FFFFFF

 5ED0DA

 B9FFFF

 3DB4BE

 D7FFFF

 0B99A3

 F5FFFF

 007F88

 00656F

 004D57

 00353F

 002229

 000115

 7DEC F6

 7DEC F6

 64EAF6

 96EE F6

 4CE8 F6

 AEF0 F6

 33E6 F6

 C7F2 F6

 1BE4 F6

 DFF4 F6

 02E2 F6

 F8F6 F6

 00E2 F6

 FFF8 F6

 FFFA F6

 FFFC F6

 FFFE F6

Harmonies

Analogous

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



8FECD7



7DECF6



89E7FF

Triad

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



7DECF6



FFCAFE



F5D89D

Complementary

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



7DECF6



F6877D

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.



FFCEA8



7DECF6



FFC5E0

Square

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



7DECF6



DBD5FF



FFC6C1



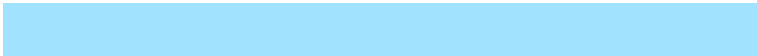
D4E2A3

Rectangle

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



7DECF6



A1E2FF



FFC6C1



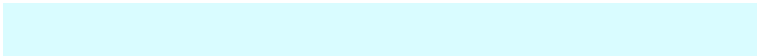
FED59F

Sweetspot

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



7DECF6



D9FCFF



7DF685



697E80



000000



808080

Same Dimension

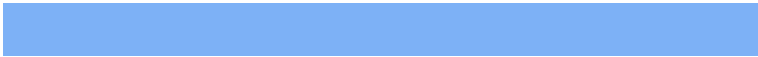
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7DECF6



69F3FF



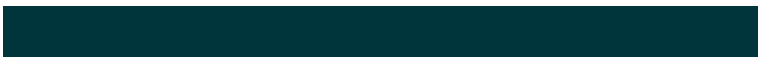
7DB1F6



6E797A



00ABBA



00363B

Inverse Universe

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



F67DEC



FF69F3



F6C27D



7A6E79



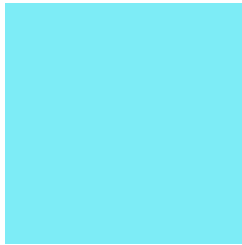
BA00AB



3B0036

Previews

White Background



This preview shows how the Hex color 7DECF6 looks on a white background.

Color Contrast Check

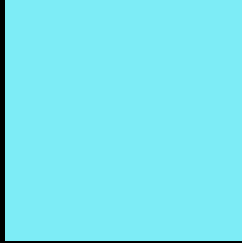
Large Text (above 18pt) WCAG AA × Fail

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 7DECF6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

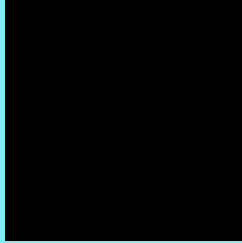
Any Text WCAG AA ✓ Pass

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 7DECF6 Background



This preview shows how black text looks on a background with the Hex color 7DECF6.

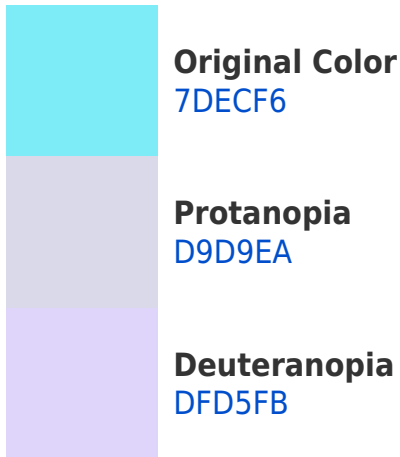


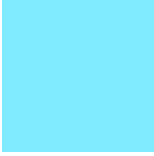
This preview shows how white text looks on a background with the Hex color 7DECF6.

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



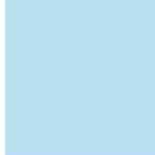


Tritanopia
80EBFE

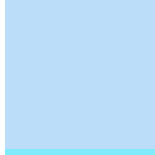
Trichromacy



Original Color
7DECF6



Protanomaly
B8E0EE



Deuteranomaly
BBDDF9

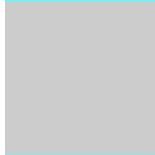


Tritanomaly
7FEBFB

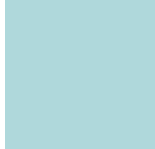
Monochromacy



Original Color
7DECF6



Achromatopsia
CCCCCC



Achromatomaly
AFD8DB

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DECF6 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 #7DECF6 looks like.

```
.text, #text, p{  
    color:#7DECF6  
}
```

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 #7DECF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DECF6  
}
```

Border

The CSS property to change the border of an element to Hex 7DECF6 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  
#7DECF6 }
```

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

```
.border{ border-color:#7DECF6 }
```

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

Here you see how a box with a 4 pixel #7DECF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DECF6; -webkit-box-shadow:4px 4px  
4px 4px #7DECF6; box-shadow:4px 4px 4px  
4px #7DECF6 }
```

Background

The CSS property to change the background color of an element to Hex 7DECF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DECF6 }
```

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

```
.background{ background-color:#7DECF6 }
```

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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