

Converting Colors

Hex(6DE7ED)

Have a look what the booklet for
Hex(6DE7ED) contains.

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Color

Hex(6DE7ED)

Conversions

Conversions Part 1

Format	Color
Hex	6DE7ED
RGB	109, 231, 237
RGB Percent	43%, 91%, 93%
CMY	0.5725, 0.0941, 0.0706
CMYK	0.54, 0.03, 0.00, 0.07
HSL	183°, 78%, 68%
HSV	183°, 54%, 93%
XYZ	50.1687, 66.5175, 90.3158
YIQ	195.2060, -74.6380, -23.9980

Conversions

Conversions Part 2

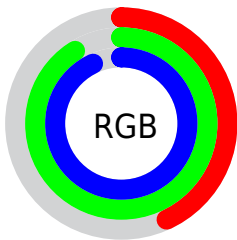
Format	Color
RYB	109, 171, 237
Decimal	7202797
CIELab	85.26, -32.38, -13.33
CIElCh	85, 35.020, 202.374
Yxy	66.5175, 0.2424, 0.3213
Android (android.graphics.Color)	4285392877 (0xFF6DE7ED)
YUV	195.2060, 20.6044, -75.6027
Hunter-Lab	81.5582, -32.9268, -8.5656

Details

The Hex color **6DE7ED** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ED736D**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **AAFFFF**, and **24AFB5** is the 20% darker color. If you saturate the color by 10%, you get **55E6ED**, and if you desaturate by 10%, it is **85E8ED**.

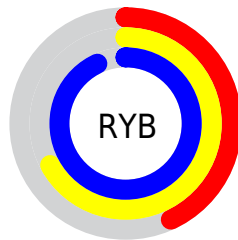
Distribution



Red (43%)

Green (91%)

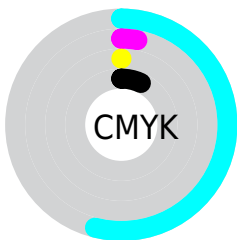
Blue (93%)



Red (43%)

Yellow (67%)

Blue (93%)

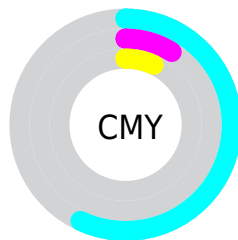


Cyan (54%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (57%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE7ED 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 6DE7ED by changing the saturation by 10% instead.

 6DE7ED

 6DE7ED

FFFFFF

 4CCBD1

 AAFFFF

 24AFB5

 C8FFFF

 00949A

 E6FFFF

 007A80

 006167

 00484F

 003138

 001C23

 00000C

 6DE7ED

 6DE7ED

 55E6ED

 85E8ED

 3EE5ED

 9CE9ED

 26E4ED

 B4EAED

 0EE3ED

 CCEBED

 00E2ED

 E3EDED

 FBEEED

 FFEFED

 FFF0ED

 FFF1ED

Harmonies

Analogous

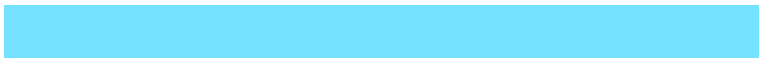
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87E7CB



6DE7ED



75E3FF

Triad

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



6DE7ED



F7C4FE



F4D094

Complementary

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



6DE7ED



ED736D

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.



FFC5A2



6DE7ED



FFBDDF

Square

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



6DE7ED



CED0FF



FFBEBD



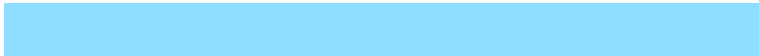
D3DB97

Rectangle

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



6DE7ED



8EDEFF



FFBEBD



FECC97

Sweetspot

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



6DE7ED



D6FDFF



6DED71



677E80



000000



808080

Same Dimension

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



6DE7ED



59F7FF



6DA9ED



6A7575



00ADB5



003336

Inverse Universe

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



ED6DE7



FF59F7



EDB16D



756A75



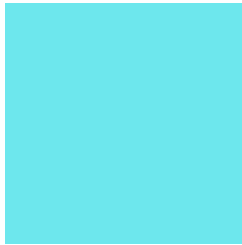
B500AD



360033

Previews

White Background



This preview shows how the Hex color 6DE7ED looks on a white background.

Color Contrast Check

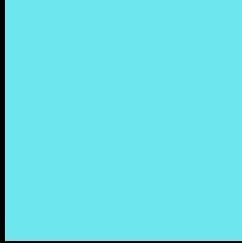
Large Text (above 18pt) WCAG AA × Fail

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 6DE7ED 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 6DE7ED Background



This preview shows how black text looks on a background with the Hex color 6DE7ED.

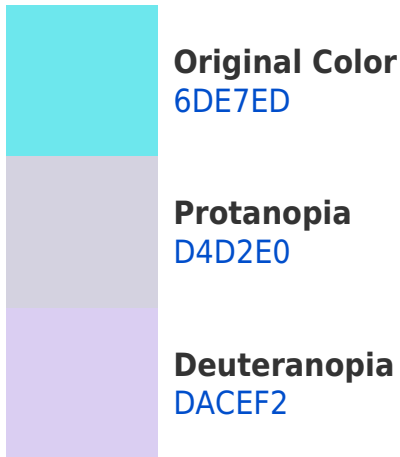


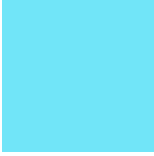
This preview shows how white text looks on a background with the Hex color 6DE7ED.

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
71E5F8

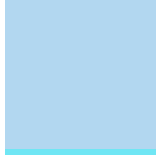
Trichromacy



Original Color
6DE7ED



Protanomaly
AFDAE5



Deuteranomaly
B2D7F0

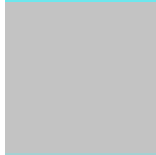


Tritanomaly
70E6F4

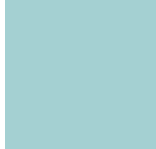
Monochromacy



Original Color
6DE7ED



Achromatopsia
C3C3C3



Achromatomaly
A4D0D2

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE7ED 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 #6DE7ED looks like.

```
.text, #text, p{  
  color:#6DE7ED  
}
```

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 #6DE7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE7ED
}
```

Border

The CSS property to change the border of an element to Hex 6DE7ED 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
#6DE7ED }
```

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

```
.border{ border-color:#6DE7ED }
```

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

Here you see how a box with a 4 pixel #6DE7ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE7ED; -webkit-box-shadow:4px 4px  
4px 4px #6DE7ED; box-shadow:4px 4px 4px  
4px #6DE7ED }
```

Background

The CSS property to change the background color of an element to Hex 6DE7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE7ED }
```

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

```
.background{ background-color:#6DE7ED }
```

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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