

Converting Colors

Hex(6DE6DE)

Have a look what the booklet for
Hex(6DE6DE) contains.

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Color

Hex(6DE6DE)

Conversions

Conversions Part 1

Format	Color
Hex	6DE6DE
RGB	109, 230, 222
RGB Percent	43%, 90%, 87%
CMY	0.5725, 0.0980, 0.1294
CMYK	0.53, 0.00, 0.03, 0.10
HSL	176°, 71%, 66%
HSV	176°, 53%, 90%
XYZ	47.7883, 65.1188, 79.1577
YIQ	192.9090, -69.5480, -28.1400

Conversions

Conversions Part 2

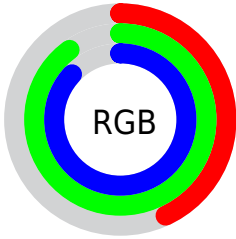
Format	Color
RYB	109, 172, 230
Decimal	7202526
CIELab	84.54, -35.80, -6.48
CIELCh	85, 36.379, 190.263
Yxy	65.1188, 0.2488, 0.3390
Android (android.graphics.Color)	4285392606 (0xFF6DE6DE)
YUV	192.9090, 14.3419, -73.5882
Hunter-Lab	80.6962, -35.5106, -1.6723

Details

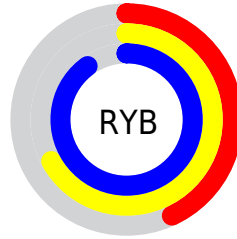
The Hex color **6DE6DE** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **E66D75**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A9FFFF**, and **28AEA7** is the 20% darker color. If you saturate the color by 10%, you get **56E6DC**, and if you desaturate by 10%, it is **84E6E0**.

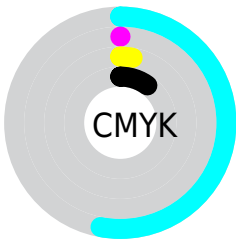
Distribution



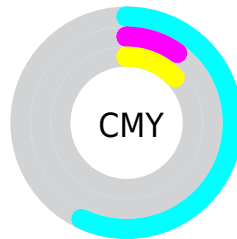
- Red (43%)
- Green (90%)
- Blue (87%)



- Red (43%)
- Yellow (67%)
- Blue (90%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (57%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE6DE 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 6DE6DE by changing the saturation by 10% instead.

 6DE6DE

 6DE6DE

FFFFFF

 4DCAC2

 A9FFFF

 28AEA7

 C7FFFF

 00938D

 E5FFFF

 007973

 005F5B

 004743

 00302D

 001919

 000000

 6DE6DE

 6DE6DE

 56E6DC


 84E6E0

 3FE6DB

 9BE6E1

 28E6D9

 B2E6E3

 11E6D8

 C9E6E4

 00E6D7

 E0E6E6

 F7E6E7

 FFE6E9

 FFE6EA

 FFE6EC

Harmonies

Analogous

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



91E4BB



6DE6DE



63E4FE

Triad

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



6DE6DE



E7C6FF



FFC993

Complementary

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



6DE6DE



E66D75

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.



FFBFA8



6DE6DE



FFBCEB

Square

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



6DE6DE



B7D2FF



FFB9C8



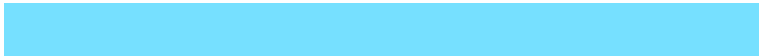
DFD58F

Rectangle

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



6DE6DE



76E0FF



FFB9C8



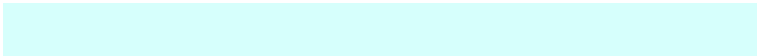
FFC598

Sweetspot

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



6DE6DE



D6FFFC



75E66D



67807E



000000



808080

Same Dimension

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



6DE6DE



5EFFF4



6DB2E6



677372



00B3A7



003330

Inverse Universe

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



E66D75



FF5E69



E6A16D



736768



B3000C



330003

Previews

White Background



This preview shows how the Hex color 6DE6DE looks on a white background.

Color Contrast Check

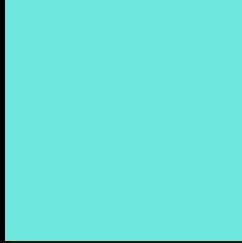
Large Text (above 18pt) WCAG AA × Fail

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 6DE6DE 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

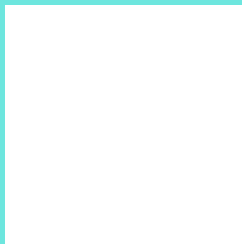
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6DE6DE Background



This preview shows how black text looks on a background with the Hex color 6DE6DE.

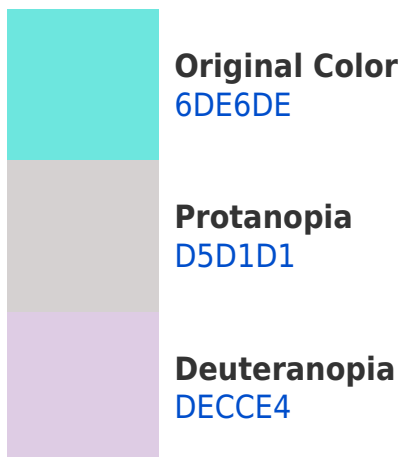


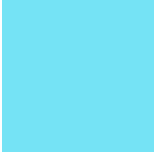
This preview shows how white text looks on a background with the Hex color 6DE6DE.

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



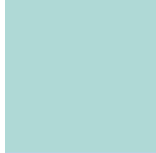


Tritanopia
75E3F5

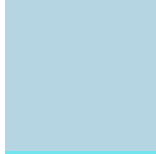
Trichromacy



Original Color
6DE6DE



Protanomaly
AFD9D6



Deuteranomaly
B5D5E2

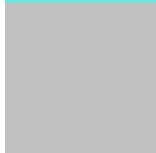


Tritanomaly
72E4ED

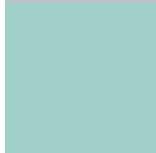
Monochromacy



Original Color
6DE6DE



Achromatopsia
C1C1C1



Achromatomaly
A2CECC

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE6DE 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 #6DE6DE looks like.

```
.text, #text, p{  
    color:#6DE6DE  
}
```

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 #6DE6DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE6DE
}
```

Border

The CSS property to change the border of an element to Hex 6DE6DE 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
#6DE6DE }
```

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

```
.border{ border-color:#6DE6DE }
```

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

Here you see how a box with a 4 pixel #6DE6DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE6DE; -webkit-box-shadow:4px 4px  
4px 4px #6DE6DE; box-shadow:4px 4px 4px  
4px #6DE6DE }
```

Background

The CSS property to change the background color of an element to Hex 6DE6DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE6DE }
```

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

```
.background{ background-color:#6DE6DE }
```

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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