

Converting Colors

Hex(6DE3CE)

Have a look what the booklet for
Hex(6DE3CE) contains.

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Color

Hex(6DE3CE)

Conversions

Conversions Part 1

Format	Color
Hex	6DE3CE
RGB	109, 227, 206
RGB Percent	43%, 89%, 81%
CMY	0.5725, 0.1098, 0.1922
CMYK	0.52, 0.00, 0.09, 0.11
HSL	169°, 68%, 66%
HSV	169°, 52%, 89%
XYZ	44.9163, 62.6456, 68.1170
YIQ	189.3240, -63.5870, -31.5470

Conversions

Conversions Part 2

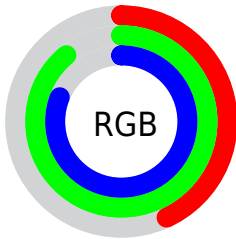
Format	Color
RYB	109, 174, 227
Decimal	7201742
CIELab	83.26, -38.37, 0.08
CIELCh	83, 38.370, 179.883
Yxy	62.6456, 0.2557, 0.3566
Android (android.graphics.Color)	4285391822 (0xFF6DE3CE)
YUV	189.3240, 8.2213, -70.4441
Hunter-Lab	79.1490, -37.2136, 4.3783

Details

The Hex color **6DE3CE** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E36D82**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A8FFFF**, and **2BAB98** is the 20% darker color. If you saturate the color by 10%, you get **56E3CA**, and if you desaturate by 10%, it is **84E3D2**.

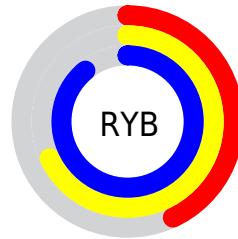
Distribution



Red (43%)

Green (89%)

Blue (81%)



Red (43%)

Yellow (68%)

Blue (89%)

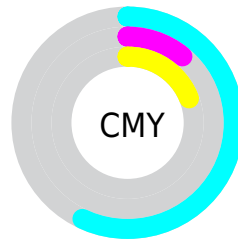


Cyan (52%)

Magenta (0%)

Yellow (9%)

Black (11%)



Cyan (57%)

Magenta (11%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE3CE 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 6DE3CE by changing the saturation by 10% instead.

 6DE3CE

 6DE3CE


FFFFFF

 4EC7B3

 A8FFFF

 2BAB98

 C6FFFF

 00907E

 E4FFFF

 007665

 005D4D

 004436

 002D21

 00140B

 000000

6DE3CE

6DE3CE

56E3CA

84E3D2

40E3C6

9AE3D6

29E3C2

B1E3DA

12E3BE

C8E3DE

00E3BB

DEE3E2

F5E3E6

FFE3EA

FFE3EE

FFE3F2

Harmonies

Analogous

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



98E0AA



6DE3CE



51E2F2

Triad

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



6DE3CE



D4C6FF



FFC192

Complementary

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



6DE3CE



E36D82

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.



FFB7AD



6DE3CE



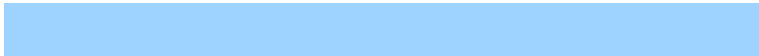
FDBAF4

Square

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



6DE3CE



9ED3FF



FFB4D1



E8CD87

Rectangle

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



6DE3CE



5BDFFF



FFB4D1



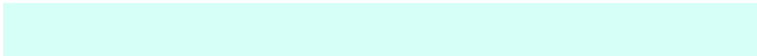
FFBD9A

Sweetspot

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



6DE3CE



D6FFF8



83E36D



67807B



000000



808080

Same Dimension

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



6DE3CE



61FFE3



6DBEE3



677371



00B393



00332A

Inverse Universe

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



E36D82



FF617D



E3926D



736769



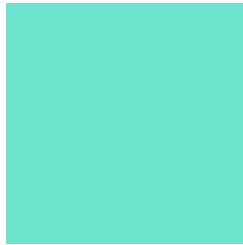
B30020



330009

Previews

White Background



This preview shows how the Hex color 6DE3CE looks on a white background.

Color Contrast Check

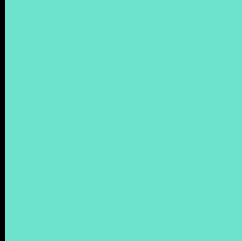
Large Text (above 18pt) WCAG AA × Fail

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 6DE3CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

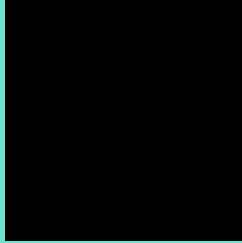
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

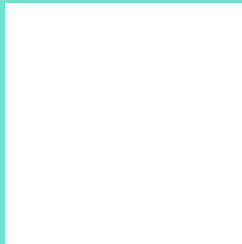
Any Text WCAG AAA ✓ Pass

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

Hex 6DE3CE Background



This preview shows how black text looks on a background with the Hex color 6DE3CE.

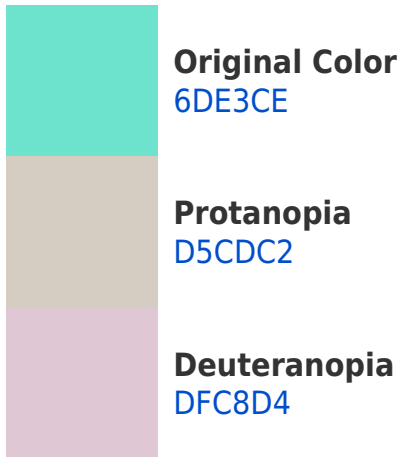


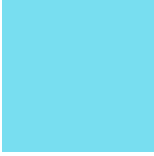
This preview shows how white text looks on a background with the Hex color 6DE3CE.

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
78DEF0

Trichromacy



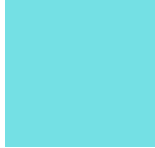
Original Color
6DE3CE



Protanomaly
AFD5C6



Deuteranomaly
B6D2D2

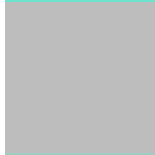


Tritanomaly
74E0E4

Monochromacy



Original Color
6DE3CE



Achromatopsia
BDBDBD



Achromatomaly
A0CBC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE3CE 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 #6DE3CE looks like.

```
.text, #text, p{  
    color:#6DE3CE  
}
```

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 #6DE3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE3CE
}
```

Border

The CSS property to change the border of an element to Hex 6DE3CE 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
#6DE3CE }
```

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

```
.border{ border-color:#6DE3CE }
```

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

Here you see how a box with a 4 pixel #6DE3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE3CE; -webkit-box-shadow:4px 4px  
4px 4px #6DE3CE; box-shadow:4px 4px 4px  
4px #6DE3CE }
```

Background

The CSS property to change the background color of an element to Hex 6DE3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE3CE }
```

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

```
.background{ background-color:#6DE3CE }
```

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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