

Converting Colors

Hex(6DE3E3)

Have a look what the booklet for
Hex(6DE3E3) contains.

Hex(6DE3E3)	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(6DE3E3)

Conversions

Conversions Part 1

Format	Color
Hex	6DE3E3
RGB	109, 227, 227
RGB Percent	43%, 89%, 89%
CMY	0.5725, 0.1098, 0.1098
CMYK	0.52, 0.00, 0.00, 0.11
HSL	180°, 68%, 66%
HSV	180°, 52%, 89%
XYZ	47.6409, 63.7354, 82.4643
YIQ	191.7180, -70.3280, -25.0160

Conversions

Conversions Part 2

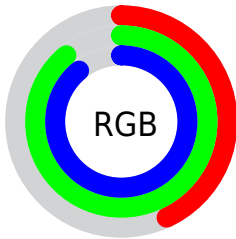
Format	Color
R _{YB}	109, 168, 227
Decimal	7201763
CIE _{Lab}	83.83, -33.12, -10.19
CIE _{LCh}	84, 34.647, 197.101
Y _{xy}	63.7354, 0.2458, 0.3288
Android (android.graphics.Color)	4285391843 (0xFF6DE3E3)
YUV	191.7180, 17.3940, -72.5437
Hunter-Lab	79.8345, -33.1912, -5.3589

Details

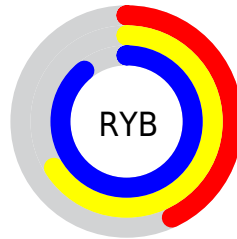
The Hex color **6DE3E3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E36D6D**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A9FFFF**, and **28ABAC** is the 20% darker color. If you saturate the color by 10%, you get **56E3E3**, and if you desaturate by 10%, it is **84E3E3**.

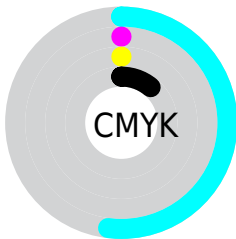
Distribution



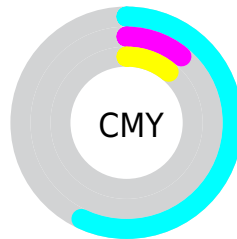
- Red (43%)
- Green (89%)
- Blue (89%)



- Red (43%)
- Yellow (66%)
- Blue (89%)



- Cyan (52%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE3E3 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 6DE3E3 by changing the saturation by 10% instead.

 6DE3E3

 6DE3E3

FFFFFF

 4DC7C7

 A9FFFF

 28ABAC

 C7FFFF

 009091

 E5FFFF

 007678

 005D5F

 004547

 002E31

 00171C

 000000

■ 6DE3E3

■ 6DE3E3

■ 56E3E3

■ 84E3E3

■ 40E3E3

■ 9AE3E3

■ 29E3E3

■ B1E3E3

■ 12E3E3

■ C8E3E3

■ 00E3E3

■ DEE3E3

■ F5E3E3

■ FFE3E3

Harmonies

Analogous

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



8AE2C1



6DE3E3



6EE0FF

Triad

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



6DE3E3



EDC2FE



F5CA92

Complementary

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



6DE3E3



E36D6D

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.



FFC0A3



6DE3E3



FFBAE1

Square

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



6DE3E3



C2CEFF



FFB9BF



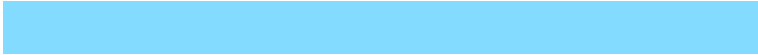
D5D592

Rectangle

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



6DE3E3



83DBFF



FFB9BF



FEC696

Sweetspot

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



6DE3E3



D6FFFF



6DE36D



678080



000000



808080

Same Dimension

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



6DE3E3



61FFFF



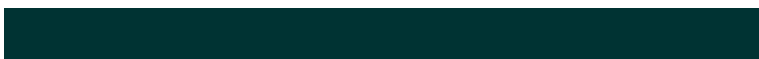
6DA8E3



677373



00B3B3



003333

Inverse Universe

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



E36DE3



FF61FF



E3A86D



736773



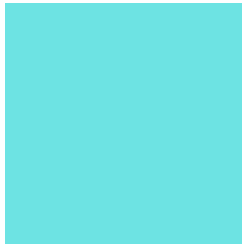
B300B3



330033

Previews

White Background



This preview shows how the Hex color 6DE3E3 looks on a white background.

Color Contrast Check

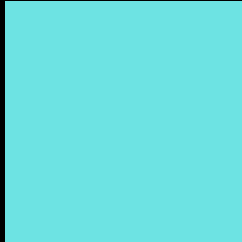
Large Text (above 18pt) WCAG AA × Fail

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 6DE3E3 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 6DE3E3 Background



This preview shows how black text looks on a background with the Hex color 6DE3E3.

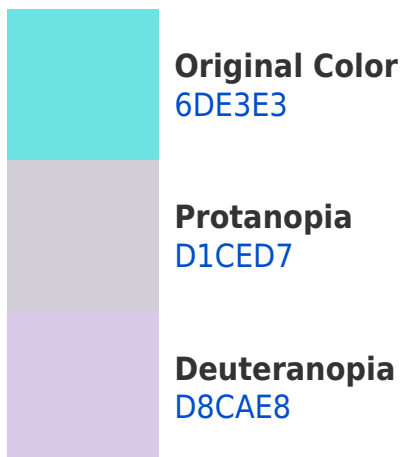


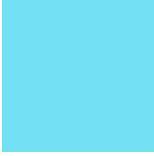
This preview shows how white text looks on a background with the Hex color 6DE3E3.

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
73E1F3

Trichromacy



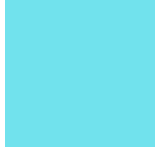
Original Color
6DE3E3



Protanomaly
ADD6DB



Deuteranomaly
B1D3E6

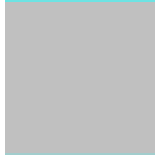


Tritanomaly
71E2ED

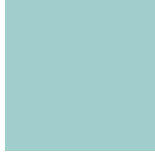
Monochromacy



Original Color
6DE3E3



Achromatopsia
C0C0C0



Achromatomaly
A2CDCD

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE3E3 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 #6DE3E3 looks like.

```
.text, #text, p{  
    color:#6DE3E3  
}
```

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 #6DE3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE3E3
}
```

Border

The CSS property to change the border of an element to Hex 6DE3E3 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
#6DE3E3 }
```

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

```
.border{ border-color:#6DE3E3 }
```

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

Here you see how a box with a 4 pixel #6DE3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE3E3; -webkit-box-shadow:4px 4px  
4px 4px #6DE3E3; box-shadow:4px 4px 4px  
4px #6DE3E3 }
```

Background

The CSS property to change the background color of an element to Hex 6DE3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE3E3 }
```

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

```
.background{ background-color:#6DE3E3 }
```

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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