

Converting Colors

Hex(6DE1D5)

Have a look what the booklet for
Hex(6DE1D5) contains.

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Color

Hex(6DE1D5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6DE1D5 |
| RGB | 109, 225, 213 |
| RGB Percent | 43%, 88%, 84% |
| CMY | 0.5725, 0.1176, 0.1647 |
| CMYK | 0.52, 0.00, 0.05, 0.12 |
| HSL | 174°, 66%, 65% |
| HSV | 174°, 52%, 88% |
| XYZ | 45.2421, 61.9057, 72.5153 |
| YIQ | 188.9480, -65.2840, -28.3240 |

Conversions

Conversions Part 2

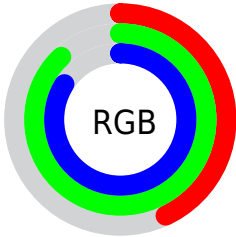
| Format | Color |
|-------------------------------------|---|
| RYB | 109, 170, 225 |
| Decimal | 7201237 |
| CIELab | 82.86, -35.74, -4.20 |
| CIELCh | 83, 35.986, 186.708 |
| Yxy | 61.9057, 0.2518, 0.3446 |
| Android (android.graphics.Color) | 4285391317 (0xFF6DE1D5) |
| YUV | 188.9480, 11.8576, -70.1144 |
| Hunter-Lab | 78.6802, -35.0505, 0.4318 |

Details

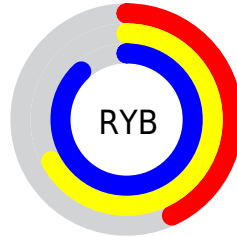
The Hex color **6DE1D5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E16D79**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A8FFFF**, and **2AA99E** is the 20% darker color. If you saturate the color by 10%, you get **57E1D3**, and if you desaturate by 10%, it is **84E1D7**.

Distribution



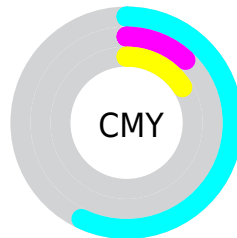
- Red (43%)
- Green (88%)
- Blue (84%)



- Red (43%)
- Yellow (67%)
- Blue (88%)



- Cyan (52%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (57%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE1D5 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 6DE1D5 by changing the saturation by 10% instead.

 6DE1D5

 6DE1D5

FFFFFF

 4EC5B9

 A8FFFF

 2AA99E

 C6FFFF

 008E84

 E4FFFF

 00746B

 005B53

 00433C

 002C26

 001212

 000000

 6DE1D5

 6DE1D5

 57E1D3

 84E1D7

 40E1D0

 9AE1DA

 29E1CE

 B1E1DC

 13E1CC

 C7E1DE

 00E1CA

 DEE1E1

 F4E1E3

 FFE1E5

 FFE1E8

 FFE1EA

Harmonies

Analogous

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



92DFB2



6DE1D5



5FDFF6

Triad

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



6DE1D5



DDC3FF



FCC391

Complementary

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



6DE1D5



E16D79

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.



FFB9A7



6DE1D5



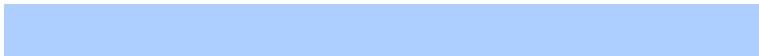
FFB9EA

Square

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



6DE1D5



ADCFF



FFB5C8



DECF8B

Rectangle

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



6DE1D5



6EDCFE



FFB5C8



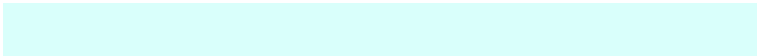
FFBF97

Sweetspot

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



6DE1D5



D9FFFB



7BE16D



69807D



000000



808080

Same Dimension

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



6DE1D5



61FFEF



6DB5E1



65706F



00B09E



00302B

Inverse Universe

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



E16D79



FF6171



E1996D



706566



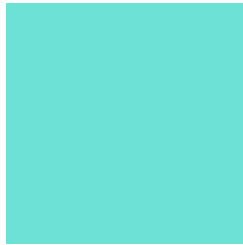
B00012



300005

Previews

White Background



This preview shows how the Hex color 6DE1D5 looks on a white background.

Color Contrast Check

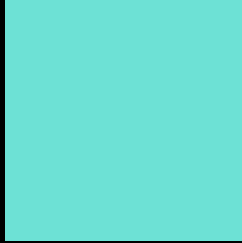
Large Text (above 18pt) WCAG AA × Fail

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 6DE1D5 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 6DE1D5 Background



This preview shows how black text looks on a background with the Hex color 6DE1D5.

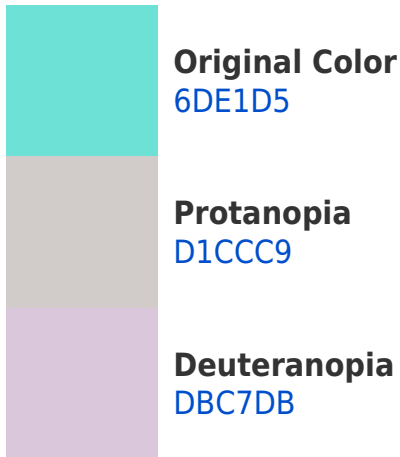


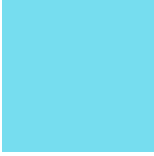
This preview shows how white text looks on a background with the Hex color 6DE1D5.

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
76DDEF

Trichromacy



Original Color
6DE1D5



Protanomaly
ADD4CD



Deuteranomaly
B3D0D9

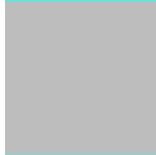


Tritanomaly
73DEE6

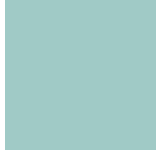
Monochromacy



Original Color
6DE1D5



Achromatopsia
BDBBBD



Achromatomaly
A0CAC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE1D5 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 #6DE1D5 looks like.

```
.text, #text, p{  
    color:#6DE1D5  
}
```

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 #6DE1D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE1D5
}
```

Border

The CSS property to change the border of an element to Hex 6DE1D5 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
#6DE1D5 }
```

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

```
.border{ border-color:#6DE1D5 }
```

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

Here you see how a box with a 4 pixel #6DE1D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE1D5; -webkit-box-shadow:4px 4px  
4px 4px #6DE1D5; box-shadow:4px 4px 4px  
4px #6DE1D5 }
```

Background

The CSS property to change the background color of an element to Hex 6DE1D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE1D5 }
```

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

```
.background{ background-color:#6DE1D5 }
```

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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