

Converting Colors

Hex(06D4E5)

Have a look what the booklet for
Hex(06D4E5) contains.

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Color

Hex(06D4E5)

Conversions

Conversions Part 1

Format	Color
Hex	06D4E5
RGB	6, 212, 229
RGB Percent	2%, 83%, 90%
CMY	0.9765, 0.1686, 0.1020
CMYK	0.97, 0.07, 0.00, 0.10
HSL	185°, 95%, 46%
HSV	185°, 97%, 90%
XYZ	37.7614, 52.7828, 82.3266
YIQ	152.3440, -128.2330, -38.3850

Conversions

Conversions Part 2

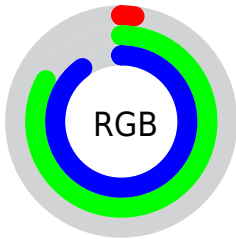
Format	Color
R _{YB}	6, 113, 229
Decimal	447717
CIE Lab	77.75, -36.51, -20.57
CIE LCh	78, 41.907, 209.399
Yxy	52.7828, 0.2184, 0.3053
Android (android.graphics.Color)	4278637797 (0xFF06D4E5)
YUV	152.3440, 37.7914, -128.3437
Hunter-Lab	72.6518, -34.3636, -16.3292

Details

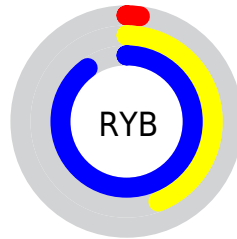
The Hex color **06D4E5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E51706**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **70FFFF**, and **009DAE** is the 20% darker color. If you saturate the color by 10%, you get **00D4E5**, and if you desaturate by 10%, it is **1DD6E5**.

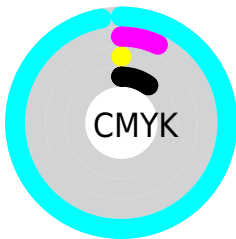
Distribution



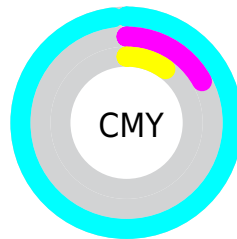
- Red (2%)
- Green (83%)
- Blue (90%)



- Red (2%)
- Yellow (44%)
- Blue (90%)



- Cyan (97%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (98%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06D4E5 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 06D4E5 by changing the saturation by 10% instead.

 06D4E5

 06D4E5

FFFFFF

 00B8C9

 70FFFF

 009DAE

 92FFFF

 008293

 B3FFFF

 006979

 D2FFFF

 005060

 F2FFFF

 003849

 002432

 00021D

 000000

06D4E5

06D4E5

00D4E5

1DD6E5

34D7E5

4BD9E5

62DBE5

79DDE5

8FDEE5

A6E0E5

BDE2E5

D4E4E5

Harmonies

Analogous

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



4DD5BE



06D4E5



3CCFFF

Triad

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



06D4E5



F0A9E8



DABE72

Complementary

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



06D4E5



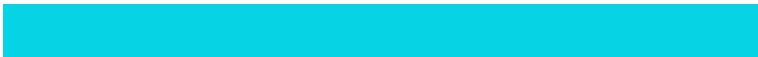
E51706

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.



F9B07E



06D4E5



FFA2C2

Square

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



06D4E5



C3B6FF



FFA59C



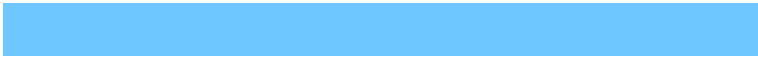
B2C97B

Rectangle

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



06D4E5



6EC8FF



FFA59C



E6B974

Sweetspot

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



06D4E5



B5F9FF



06E515



537C80



000000



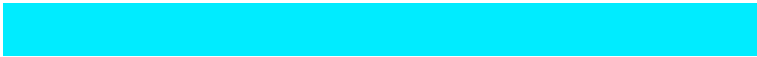
808080

Same Dimension

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



06D4E5



00ECFF



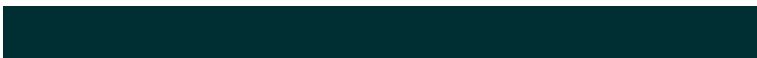
0667E5



677273



00A5B3



002F33

Inverse Universe

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



E506D4



FF00EC



E58406



736772



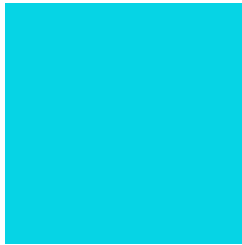
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 06D4E5 looks on a white background.

Color Contrast Check

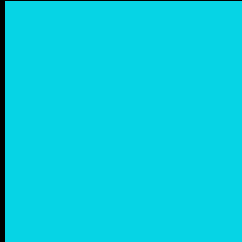
Large Text (above 18pt) WCAG AA × Fail

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 06D4E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

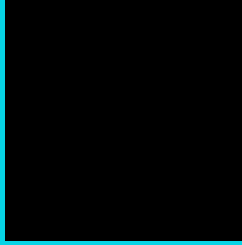
Any Text WCAG AA ✓ Pass

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 06D4E5 Background



This preview shows how black text looks on a background with the Hex color 06D4E5.

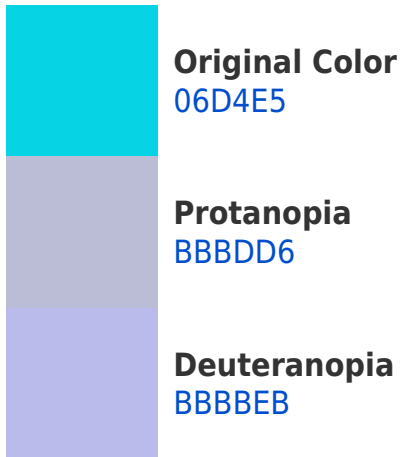


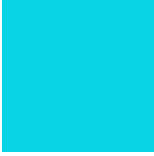
This preview shows how white text looks on a background with the Hex color 06D4E5.

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



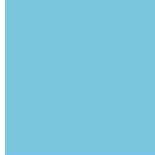


Tritanopia
08D4E5

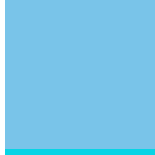
Trichromacy



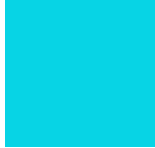
Original Color
06D4E5



Protanomaly
79C5DB



Deuteranomaly
79C4E9



Tritanomaly
07D4E5

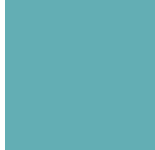
Monochromacy



Original Color
06D4E5



Achromatopsia
989898



Achromatomaly
63AEB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 06D4E5 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 #06D4E5 looks like.

```
.text, #text, p{  
    color:#06D4E5  
}
```

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 #06D4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06D4E5
}
```

Border

The CSS property to change the border of an element to Hex 06D4E5 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
#06D4E5 }
```

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

```
.border{ border-color:#06D4E5 }
```

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

Here you see how a box with a 4 pixel #06D4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06D4E5; -webkit-box-shadow:4px 4px  
4px 4px #06D4E5; box-shadow:4px 4px 4px  
4px #06D4E5 }
```

Background

The CSS property to change the background color of an element to Hex 06D4E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06D4E5 }
```

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

```
.background{ background-color:#06D4E5 }
```

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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