

Converting Colors

Hex(6CDAEE)

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

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Color

Hex(6CDAEE)

Conversions

Conversions Part 1

Format	Color
Hex	6CDAEE
RGB	108, 218, 238
RGB Percent	42%, 85%, 93%
CMY	0.5765, 0.1451, 0.0667
CMYK	0.55, 0.08, 0.00, 0.07
HSL	189°, 79%, 68%
HSV	189°, 55%, 93%
XYZ	46.6884, 59.5040, 89.9136
YIQ	187.3900, -71.9800, -17.1000

Conversions

Conversions Part 2

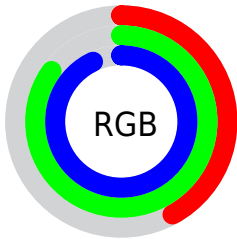
Format	Color
RYB	108, 168, 238
Decimal	7133934
CIELab	81.57, -26.04, -19.42
CIELCh	82, 32.481, 216.711
Yxy	59.5040, 0.2381, 0.3034
Android (android.graphics.Color)	4285324014 (0xFF6CDAEE)
YUV	187.3900, 24.9507, -69.6250
Hunter-Lab	77.1388, -26.9556, -15.1117

Details

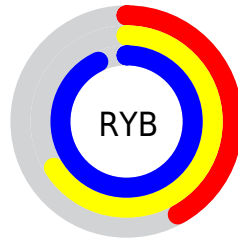
The Hex color **6CDAEE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EE806C**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A8FFFF**, and **25A3B6** is the 20% darker color. If you saturate the color by 10%, you get **54D6EE**, and if you desaturate by 10%, it is **84DEEE**.

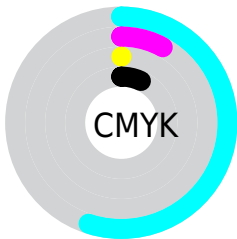
Distribution



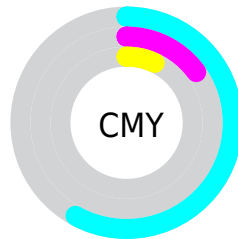
- Red (42%)
- Green (85%)
- Blue (93%)



- Red (42%)
- Yellow (66%)
- Blue (93%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (58%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 6CDAEE

 6CDAEE

FFFFFF

 4CBED2

 A8FFFF

 25A3B6

 C6FFFF

 00889B

 E4FFFF

 006F81

 005668

 003E50

 002839

 000D24

 00000C

■ 6CDAEE

■ 6CDAEE

■ 54D6EE

■ 84DEEE

■ 3CD3EE

■ 9CE1EE

■ 25CFEE

■ B3E5EE

■ 0DCBEE

■ CBE9EE

■ 00C9EE

■ E3ECEE

■ FBF0EE

■ FFF4EE

■ FFF7EE

■ FFFBEE

Harmonies

Analogous

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



76DCD1



6CDAEE



83D4FF

Triad

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



6CDAEE



F7B8E3



DACB8E

Complementary

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



6CDAEE



EE806C

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.



F5C194



6CDAEE



FFB4C5

Square

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



6CDAEE



D8C0FC



FFB8A8



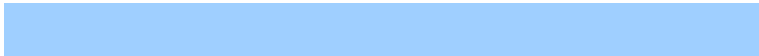
B8D499

Rectangle

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



6CDAEE



9FCFFF



FFB8A8



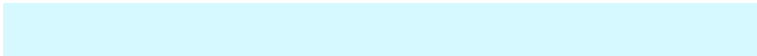
E4C88E

Sweetspot

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



6CDAEE



D6F9FF



6CEE7F



677C80



000000



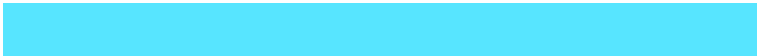
808080

Same Dimension

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



6CDAEE



57E5FF



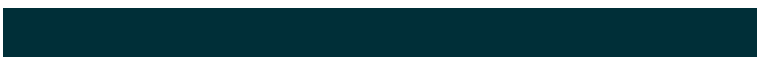
6C9AEE



6C7678



009BB8



002F38

Inverse Universe

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



EE6CDA



FF57E5



EEC16C



786C76



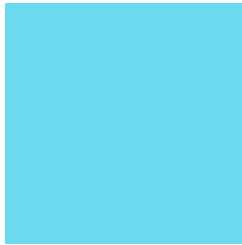
B8009B



38002F

Previews

White Background



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

Color Contrast Check

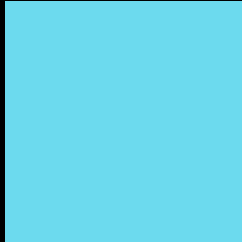
Large Text (above 18pt) WCAG AA × Fail

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 6CDAEE 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 6CDAEE Background



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

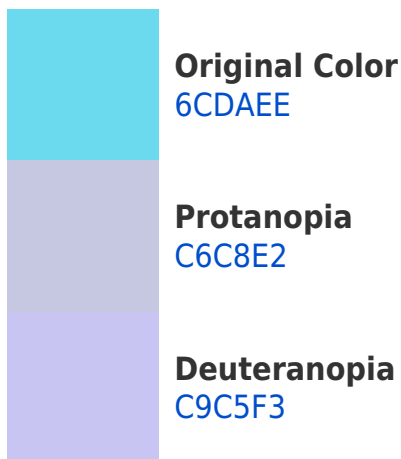


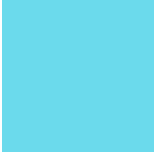
This preview shows how white text looks on a background with the Hex color 6CDAEE.

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](#).

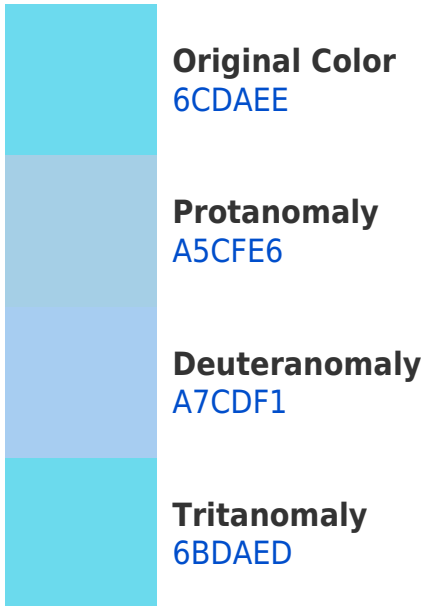
Dichromacy



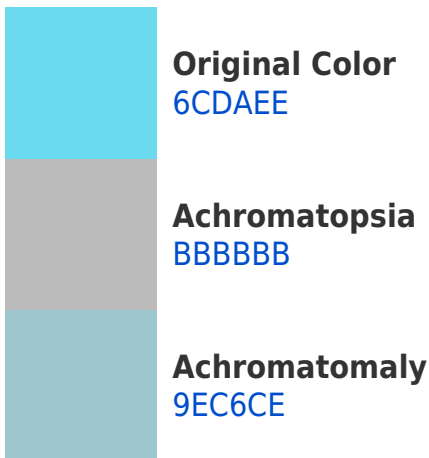


Tritanopia
6BDAEC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6CDAEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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