

Converting Colors

Hex(6CD8E9)

Have a look what the booklet for
Hex(6CD8E9) contains.

Hex(6CD8E9)	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(6CD8E9)

Conversions

Conversions Part 1

Format	Color
Hex	6CD8E9
RGB	108, 216, 233
RGB Percent	42%, 85%, 91%
CMY	0.5765, 0.1529, 0.0863
CMYK	0.54, 0.07, 0.00, 0.09
HSL	188°, 74%, 67%
HSV	188°, 54%, 91%
XYZ	45.4482, 58.1831, 85.9259
YIQ	185.6460, -69.8250, -17.6090

Conversions

Conversions Part 2

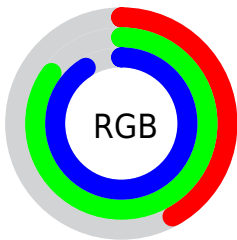
Format	Color
R _{YB}	108, 166, 233
Decimal	7133417
CIE _{Lab}	80.84, -26.43, -17.85
CIE _{LCh}	81, 31.894, 214.042
Yxy	58.1831, 0.2398, 0.3069
Android (android.graphics.Color)	4285323497 (0xFF6CD8E9)
YUV	185.6460, 23.3455, -68.0955
Hunter-Lab	76.2778, -27.1315, -13.3949

Details

The Hex color **6CD8E9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E97D6C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A8FFFF**, and **27A1B1** is the 20% darker color. If you saturate the color by 10%, you get **55D5E9**, and if you desaturate by 10%, it is **83DBE9**.

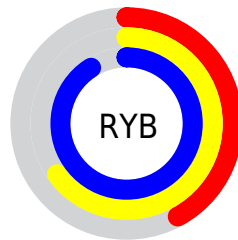
Distribution



Red (42%)

Green (85%)

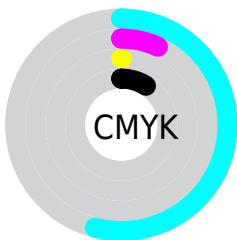
Blue (91%)



Red (42%)

Yellow (65%)

Blue (91%)

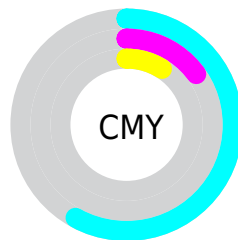


Cyan (54%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (58%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CD8E9 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 6CD8E9 by changing the saturation by 10% instead.

 6CD8E9

 6CD8E9

FFFFFF

 4CBCCD

 A8FFFF

 27A1B1

 C6FFFF

 008697

 E4FFFF

 006D7D

 005464

 003D4C

 002735

 000820

 000005

■ 6CD8E9

■ 6CD8E9

■ 55D5E9

■ 83DBE9

■ 3DD2E9

■ 9BDEE9

■ 26CEE9

■ B2E2E9

■ 0FCBE9

■ C9E5E9

■ 00C9E9

■ E1E8E9

■ F8EBE9

■ FFEEE9

■ FFF1E9

■ FFF5E9

Harmonies

Analogous

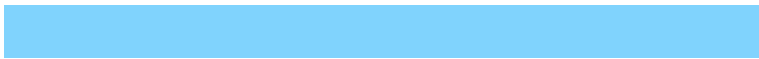
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79D9CC



6CD8E9



80D3FD

Triad

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



6CD8E9



F2B7E3



DAC88D

Complementary

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



6CD8E9



E97D6C

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.



F4BE94



6CD8E9



FFB3C6

Square

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



6CD8E9



D2C0FA



FFB6A9



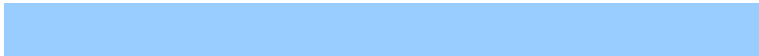
BAD197

Rectangle

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



6CD8E9



9ACDFF



FFB6A9



E4C58E

Sweetspot

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



6CD8E9



D6F9FF



6CE97D



677C80



000000



808080

Same Dimension

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



6CD8E9



5CE9FF



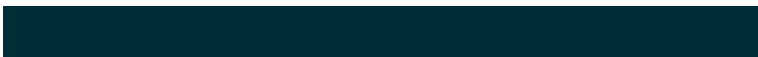
6C9AE9



6A7475



009CB5



002E36

Inverse Universe

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



E96CD8



FF5CE9



E9BB6C



756A74



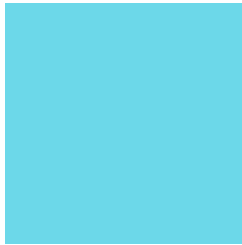
B5009C



36002E

Previews

White Background



This preview shows how the Hex color 6CD8E9 looks on a white background.

Color Contrast Check

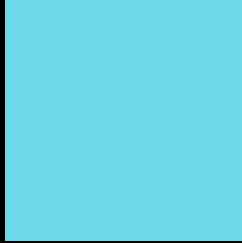
Large Text (above 18pt) WCAG AA × Fail

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 6CD8E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

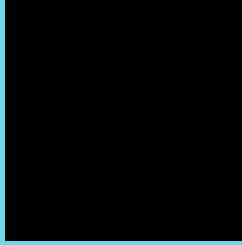
Any Text WCAG AA ✓ Pass

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 6CD8E9 Background



This preview shows how black text looks on a background with the Hex color 6CD8E9.

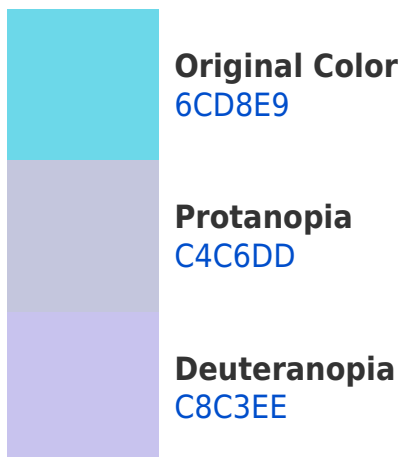


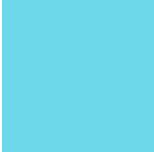
This preview shows how white text looks on a background with the Hex color 6CD8E9.

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
6CD8E9

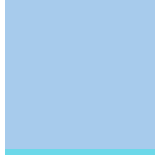
Trichromacy



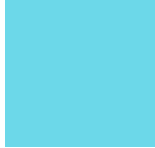
Original Color
6CD8E9



Protanomaly
A4CDE1



Deuteranomaly
A7CBEC

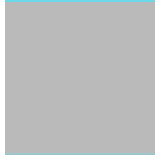


Tritanomaly
6CD8E9

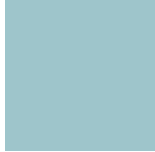
Monochromacy



Original Color
6CD8E9



Achromatopsia
BABABA



Achromatomaly
9EC5CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CD8E9 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 #6CD8E9 looks like.

```
.text, #text, p{
  color:#6CD8E9
}
```

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 #6CD8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD8E9
}
```

Border

The CSS property to change the border of an element to Hex 6CD8E9 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
#6CD8E9 }
```

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

```
.border{ border-color:#6CD8E9 }
```

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

Here you see how a box with a 4 pixel #6CD8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD8E9; -webkit-box-shadow:4px 4px  
4px 4px #6CD8E9; box-shadow:4px 4px 4px  
4px #6CD8E9 }
```

Background

The CSS property to change the background color of an element to Hex 6CD8E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD8E9 }
```

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

```
.background{ background-color:#6CD8E9 }
```

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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