

# Converting Colors

Hex(6CD2E8)

Have a look what the booklet for  
Hex(6CD2E8) contains.

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# **Color**

**Hex(6CD2E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CD2E8
RGB	108, 210, 232
RGB Percent	42%, 82%, 91%
CMY	0.5765, 0.1765, 0.0902
CMYK	0.53, 0.09, 0.00, 0.09
HSL	191°, 73%, 67%
HSV	191°, 53%, 91%
XYZ	43.7964, 55.1075, 84.6724
YIQ	182.0100, -67.8540, -14.7820

# Conversions

## Conversions Part 2

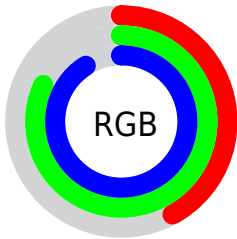
Format	Color
R <sub>YB</sub>	108, 164, 232
Decimal	7131880
CIE <sub>Lab</sub>	79.10, -23.74, -19.95
CIE <sub>LCh</sub>	79, 31.004, 220.043
Yxy	55.1075, 0.2386, 0.3002
Android (android.graphics.Color)	4285321960 (0xFF6CD2E8)
YUV	182.0100, 24.6451, -64.9068
Hunter-Lab	74.2344, -24.5998, -15.6626

# Details

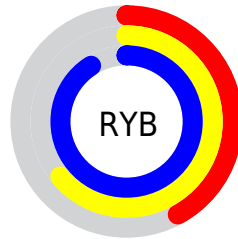
The Hex color **6CD2E8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E8826C**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A7FFFF**, and **289BB0** is the 20% darker color. If you saturate the color by 10%, you get **55CEE8**, and if you desaturate by 10%, it is **83D6E8**.

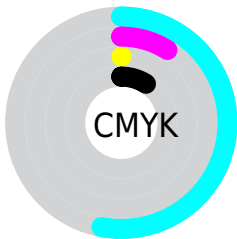
# Distribution



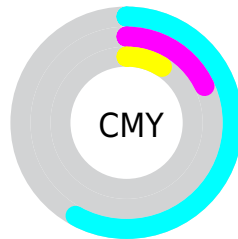
- Red (42%)
- Green (82%)
- Blue (91%)



- Red (42%)
- Yellow (64%)
- Blue (91%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (58%)
- Magenta (18%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CD2E8 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 6CD2E8 by changing the saturation by 10% instead.



 6CD2E8

 6CD2E8

FFFFFF

 4DB6CC

 A7FFFF

 289BB0

 C5FFFF

 008196


 E3FFFF

 00687C

 004F63

 00384B

 002334

 00021F

 000003

■ 6CD2E8

■ 6CD2E8

■ 55CEE8

■ 83D6E8

■ 3ECAE8

■ 9ADAE8

■ 26C6E8

■ B2DEE8

■ 0FC2E8

■ C9E2E8

■ 00BFE8

■ E0E7E8

■ F7EBE8

■ FFEFE8

■ FFF3E8

■ FFF7E8

# Harmonies

## Analogous

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



72D4CD



6CD2E8



85CCF9

# Triad

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



6CD2E8



F1B1D8



CFC58B

# Complementary

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



6CD2E8



E8826C

# 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.



E9BB8E



6CD2E8



FEAFBB

# Square

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



6CD2E8



D4B9F0



FAB3A0



AFCD97

# Rectangle

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



6CD2E8



9FC7FD



FAB3A0



D9C28A

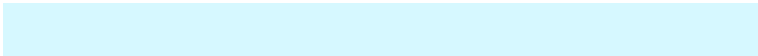


# Sweetspot

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



6CD2E8



D6F8FF



6CE881



677B80



000000



808080



# Same Dimension

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



6CD2E8



5CE2FF



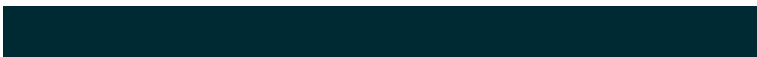
6C95E8



677173



0093B3



002A33



# Inverse Universe

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



E86CD2



FF5CE2



E8BF6C



736771



B30093

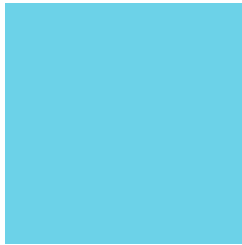


33002A



# Previews

## White Background



This preview shows how the Hex color 6CD2E8 looks on a white background.

## Color Contrast Check

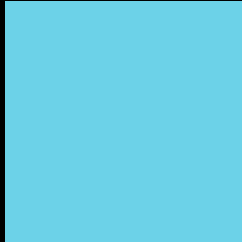
Large Text (above 18pt) WCAG AA × Fail

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 6CD2E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

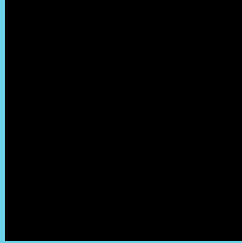
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CD2E8 Background



This preview shows how black text looks on a background with the Hex color 6CD2E8.

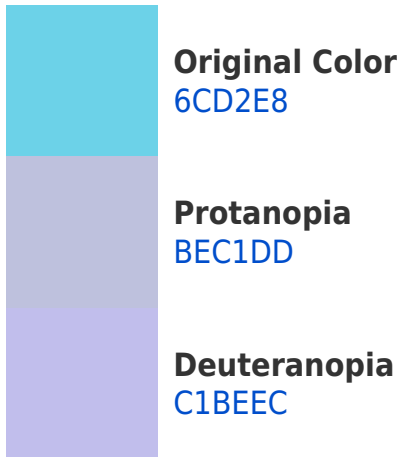


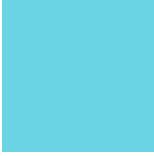
This preview shows how white text looks on a background with the Hex color 6CD2E8.

# 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](#).

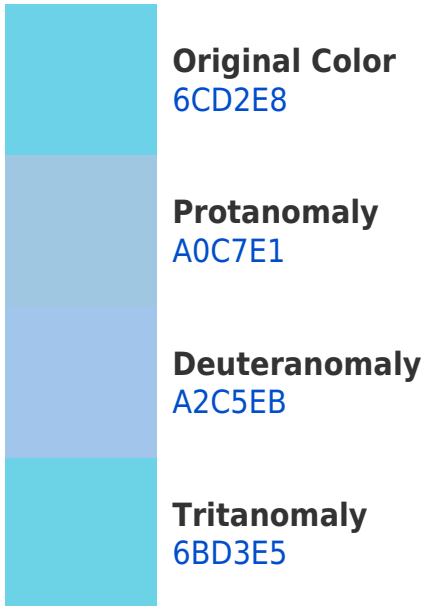
## Dichromacy





**Tritanopia**  
6AD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CD2E8 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 #6CD2E8 looks like.

```
.text, #text, p{  
    color:#6CD2E8  
}
```

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 #6CD2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD2E8  
}
```

## Border

The CSS property to change the border of an element to Hex 6CD2E8 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  
#6CD2E8 }
```

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

```
.border{ border-color:#6CD2E8 }
```

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

Here you see how a box with a 4 pixel #6CD2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD2E8; -webkit-box-shadow:4px 4px  
4px 4px #6CD2E8; box-shadow:4px 4px 4px  
4px #6CD2E8 }
```

# Background

The CSS property to change the background color of an element to Hex 6CD2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD2E8 }
```

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

```
.background{ background-color:#6CD2E8 }
```

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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