

Converting Colors

Hex(6BD8E8)

Have a look what the booklet for
Hex(6BD8E8) contains.

Hex(6BD8E8)	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(6BD8E8)

Conversions

Conversions Part 1

Format	Color
Hex	6BD8E8
RGB	107, 216, 232
RGB Percent	42%, 85%, 91%
CMY	0.5804, 0.1529, 0.0902
CMYK	0.54, 0.07, 0.00, 0.09
HSL	188°, 73%, 66%
HSV	188°, 54%, 91%
XYZ	45.1848, 58.0637, 85.1699
YIQ	185.2330, -70.1000, -18.1320

Conversions

Conversions Part 2

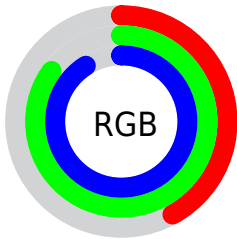
Format	Color
R _{YB}	107, 165, 232
Decimal	7067880
CIE Lab	80.77, -26.90, -17.43
CIE LCh	81, 32.051, 212.935
Yxy	58.0637, 0.2398, 0.3082
Android (android.graphics.Color)	4285257960 (0xFF6BD8E8)
YUV	185.2330, 23.0561, -68.6103
Hunter-Lab	76.1996, -27.5024, -12.9300

Details

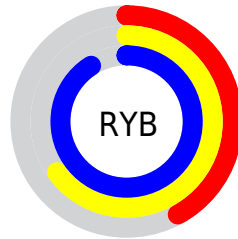
The Hex color **6BD8E8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E87B6B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A7FFFF**, and **25A1B0** is the 20% darker color. If you saturate the color by 10%, you get **54D5E8**, and if you desaturate by 10%, it is **82DBE8**.

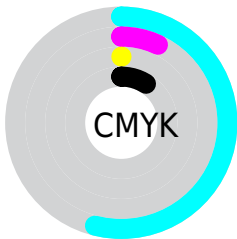
Distribution



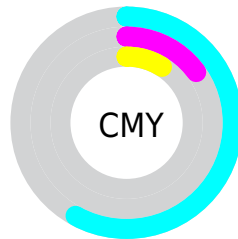
- Red (42%)
- Green (85%)
- Blue (91%)



- 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 6BD8E8 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 6BD8E8 by changing the saturation by 10% instead.

 6BD8E8

 6BD8E8

FFFFFF

 4BBCCC

 A7FFFF

 25A1B0

 C5FFFF

 008696


 E3FFFF

 006D7C

 005463

 003D4B

 002734

 000720

 000004

■ 6BD8E8

■ 6BD8E8

■ 54D5E8

■ 82DBE8

■ 3DD2E8

■ 99DEE8

■ 25CFE8

■ B1E1E8

■ 0ECCE8

■ C8E4E8

■ 00CAE8

■ DFE7E8

■ F6EAE8

■ FFEDE8

■ FFF0E8

■ FFF3E8

Harmonies

Analogous

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



79D9CA



6BD8E8



7ED3FD

Triad

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



6BD8E8



F1B7E4



DBC88D

Complementary

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



6BD8E8



E87B6B

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.



F5BD94



6BD8E8



FFB2C7

Square

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



6BD8E8



D1C0FB



FFB5A9



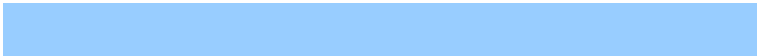
BBD196

Rectangle

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



6BD8E8



98CFFF



FFB5A9



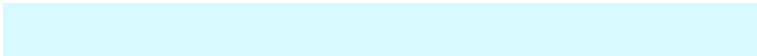
E5C48D

Sweetspot

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



6BD8E8



D6FAFF



6BE87A



677C80



000000



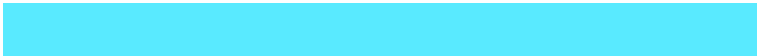
808080

Same Dimension

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



6BD8E8



59EAFF



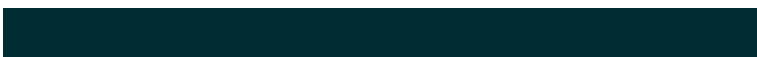
6B9BE8



677173



009CB3



002C33

Inverse Universe

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



E86BD8



FF59EA



E8B86B



736771



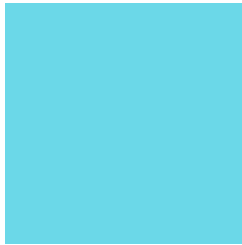
B3009C



33002C

Previews

White Background



This preview shows how the Hex color 6BD8E8 looks on a white background.

Color Contrast Check

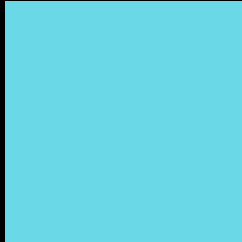
Large Text (above 18pt) WCAG AA × Fail

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 6BD8E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

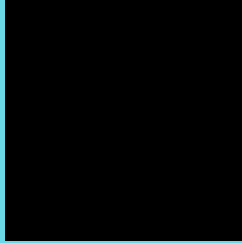
Any Text WCAG AA ✓ Pass

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 6BD8E8 Background



This preview shows how black text looks on a background with the Hex color 6BD8E8.

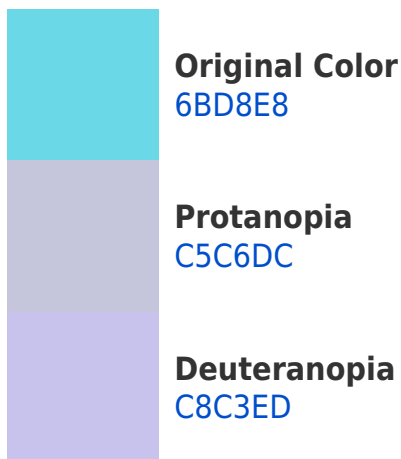


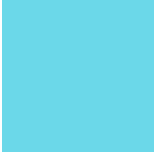
This preview shows how white text looks on a background with the Hex color 6BD8E8.

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
6BD8E9

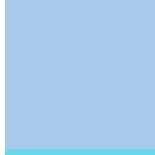
Trichromacy



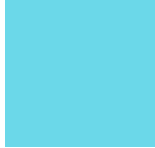
Original Color
6BD8E8



Protanomaly
A4CDE0



Deuteranomaly
A6CBEB

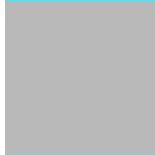


Tritanomaly
6BD8E9

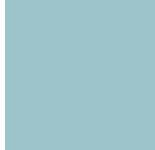
Monochromacy



Original Color
6BD8E8



Achromatopsia
B9B9B9



Achromatomaly
9DC4CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD8E8 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 #6BD8E8 looks like.

```
.text, #text, p{  
    color:#6BD8E8  
}
```

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 #6BD8E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD8E8  
}
```

Border

The CSS property to change the border of an element to Hex 6BD8E8 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  
#6BD8E8 }
```

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

```
.border{ border-color:#6BD8E8 }
```

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

Here you see how a box with a 4 pixel #6BD8E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD8E8; -webkit-box-shadow:4px 4px  
4px 4px #6BD8E8; box-shadow:4px 4px 4px  
4px #6BD8E8 }
```

Background

The CSS property to change the background color of an element to Hex 6BD8E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD8E8 }
```

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

```
.background{ background-color:#6BD8E8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor