

Converting Colors

Hex(6AEDD8)

Have a look what the booklet for
Hex(6AEDD8) contains.

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Color

Hex(6AEDD8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6AEDD8 |
| RGB | 106, 237, 216 |
| RGB Percent | 42%, 93%, 85% |
| CMY | 0.5843, 0.0706, 0.1529 |
| CMYK | 0.55, 0.00, 0.09, 0.07 |
| HSL | 170°, 78%, 67% |
| HSV | 170°, 55%, 93% |
| XYZ | 48.6227, 68.5904, 75.6423 |
| YIQ | 195.4370, -71.3350, -34.3030 |

Conversions

Conversions Part 2

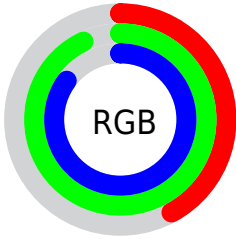
| Format | Color |
|-------------------------------------|--|
| RYB | 106, 177, 237 |
| Decimal | 7007704 |
| CIELab | 86.30, -41.07, -0.75 |
| CIELCh | 86, 41.072, 181.049 |
| Yxy | 68.5904, 0.2521, 0.3557 |
| Android (android.graphics.Color) | 4285197784 (0xFF6AEDD8) |
| YUV | 195.4370, 10.1376, -78.4362 |
| Hunter-Lab | 82.8193, -40.1376, 3.8215 |

Details

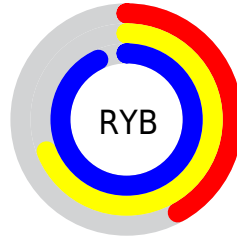
The Hex color **6AEDD8** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **ED6A7F**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A7FFFF**, and **20B4A1** is the 20% darker color. If you saturate the color by 10%, you get **52EDD4**, and if you desaturate by 10%, it is **82EDDC**.

Distribution



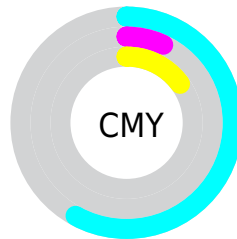
- Red (42%)
- Green (93%)
- Blue (85%)



- Red (42%)
- Yellow (69%)
- Blue (93%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6AEDD8 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 6AEDD8 by changing the saturation by 10% instead.

 6AEDD8

 6AEDD8

FFFFFF

 49D0BC

 A7FFFF

 20B4A1

 C5FFFF

 009987

 E3FFFF

 007F6E

 006556

 004C3E

 003429

 001F14

 000000

 6AEDD8

 6AEDD8

 52EDD4

 82EDDC

 3BEDD0

 99EDE0

 23EDCD

 B1EDE3

 0BEDC9

 C9EDE7

 00EDC7

 E1EDEB

 F8EDEF

 FFEDF3

 FFEDF6

 FFEDFA

Harmonies

Analogous

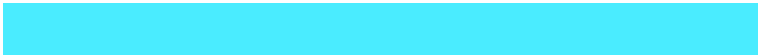
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9AEAB1



6AEDD8



4AECFF

Triad

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



6AEDD8



DFCDFE



FFC995

Complementary

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



6AEDD8



ED6A7F

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.



FFBEB2



6AEDD8



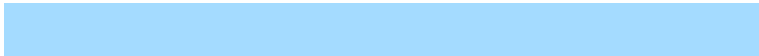
FFC1FE

Square

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



6AEDD8



A4DBFF



FFBAD8



F1D68A

Rectangle

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



6AEDD8



57E8FF



FFBAD8



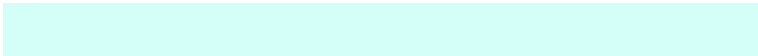
FFC49D

Sweetspot

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



6AEDD8



D4FFF8



80ED6A



66807B



000000



808080

Same Dimension

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



6AEDD8



57FFE4



6AC1ED



6A7573



00B598



00362D

Inverse Universe

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



ED6A7F



FF5772



ED966A



756A6B



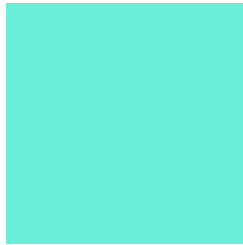
B5001D



360009

Previews

White Background



This preview shows how the Hex color 6AEDD8 looks on a white background.

Color Contrast Check

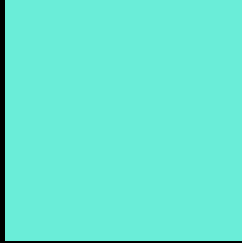
Large Text (above 18pt) WCAG AA × Fail

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 6AEDD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

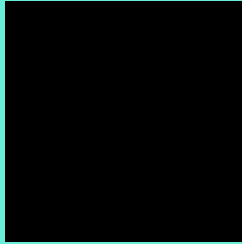
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

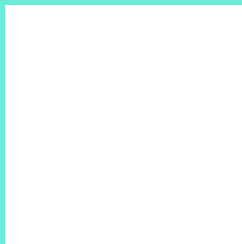
Any Text WCAG AAA ✓ Pass

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

Hex 6AEDD8 Background



This preview shows how black text looks on a background with the Hex color 6AEDD8.

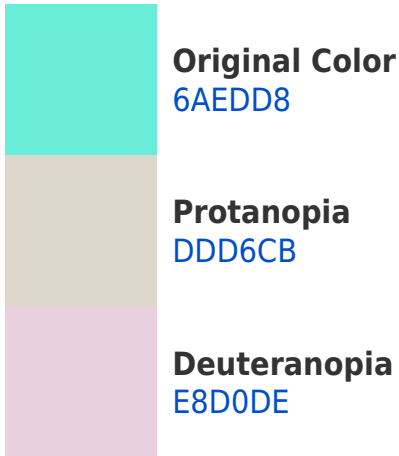


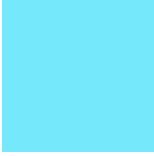
This preview shows how white text looks on a background with the Hex color 6AEDD8.

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
76E8FB

Trichromacy



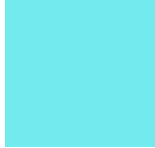
Original Color
6AEDD8



Protanomaly
B3DED0



Deuteranomaly
BADBDC

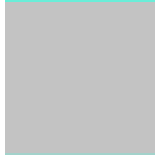


Tritanomaly
72EAEE

Monochromacy



Original Color
6AEDD8



Achromatopsia
C3C3C3



Achromatomaly
A3D2CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AEDD8 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 #6AEDD8 looks like.

```
.text, #text, p{  
    color:#6AEDD8  
}
```

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 #6AEDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AEDD8
}
```

Border

The CSS property to change the border of an element to Hex 6AEDD8 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
#6AEDD8 }
```

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

```
.border{ border-color:#6AEDD8 }
```

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

Here you see how a box with a 4 pixel #6AEDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AEDD8; -webkit-box-shadow:4px 4px  
4px 4px #6AEDD8; box-shadow:4px 4px 4px  
4px #6AEDD8 }
```

Background

The CSS property to change the background color of an element to Hex 6AEDD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AEDD8 }
```

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

```
.background{ background-color:#6AEDD8 }
```

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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