

Converting Colors

Hex(68E8D3)

Have a look what the booklet for
Hex(68E8D3) contains.

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Color

Hex(68E8D3)

Conversions

Conversions Part 1

Format	Color
Hex	68E8D3
RGB	104, 232, 211
RGB Percent	41%, 91%, 83%
CMY	0.5922, 0.0902, 0.1725
CMYK	0.55, 0.00, 0.09, 0.09
HSL	170°, 74%, 66%
HSV	170°, 55%, 91%
XYZ	46.3234, 65.3594, 71.8021
YIQ	191.3340, -69.5470, -33.6670

Conversions

Conversions Part 2

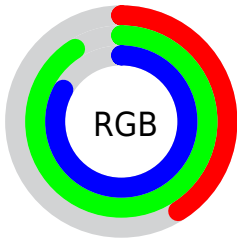
Format	Color
RYB	104, 174, 232
Decimal	6875347
CIELab	84.67, -40.44, -0.52
CIELCh	85, 40.438, 180.731
Yxy	65.3594, 0.2525, 0.3562
Android (android.graphics.Color)	4285065427 (0xFF68E8D3)
YUV	191.3340, 9.6953, -76.5919
Hunter-Lab	80.8452, -39.2005, 3.9336

Details

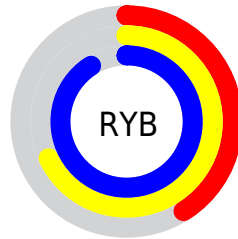
The Hex color **68E8D3** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **E8687D**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A4FFFF**, and **1EB09D** is the 20% darker color. If you saturate the color by 10%, you get **51E8CF**, and if you desaturate by 10%, it is **7FE8D7**.

Distribution



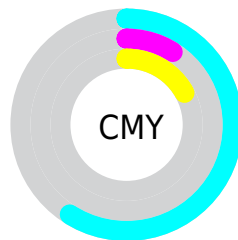
- Red (41%)
- Green (91%)
- Blue (83%)



- Red (41%)
- Yellow (68%)
- Blue (91%)



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



- Cyan (59%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68E8D3 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 68E8D3 by changing the saturation by 10% instead.

 68E8D3

FFFFFF

 A4FFFF

 C2FFFF

 E1FFFF

 68E8D3

 48CCB7

 1EB09D

 009583

 007A69

 006151

 00483A

 003125

 001910

 000000

 68E8D3

 68E8D3

 51E8CF

 7FE8D7

 3AE8CB

 96E8DB

 22E8C8

 AEE8DE

 0BE8C4

 C5E8E2

 00E8C2

 DCE8E6

 F3E8EA

 FFE8EE

 FFE8F1

 FFE8F5

Harmonies

Analogous

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



97E5AD



68E8D3



48E7F9

Triad

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



68E8D3



D9C9FF



FFC492

Complementary

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



68E8D3



E8687D

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.



FFB9AE



68E8D3



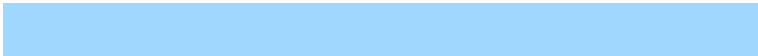
FFBCF9

Square

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



68E8D3



A0D7FF



FFB6D4



ECD187

Rectangle

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



68E8D3



54E4FF



FFB6D4



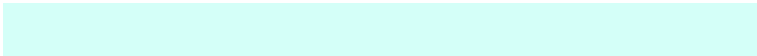
FFC09A

Sweetspot

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



68E8D3



D4FFF8



7DE868



66807B



000000



808080

Same Dimension

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



68E8D3



57FFE3



68BDE8



677371



00B395



00332B

Inverse Universe

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



E8687D



FF5772



E89368



736769



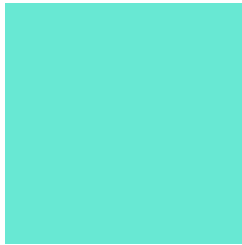
B3001D



330008

Previews

White Background



This preview shows how the Hex color 68E8D3 looks on a white background.

Color Contrast Check

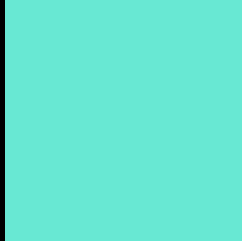
Large Text (above 18pt) WCAG AA × Fail

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 68E8D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

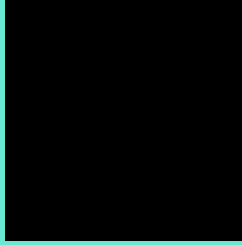
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

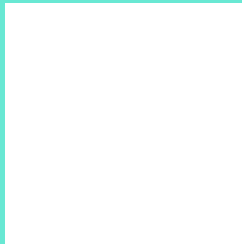
Any Text WCAG AAA ✓ Pass

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

Hex 68E8D3 Background



This preview shows how black text looks on a background with the Hex color 68E8D3.

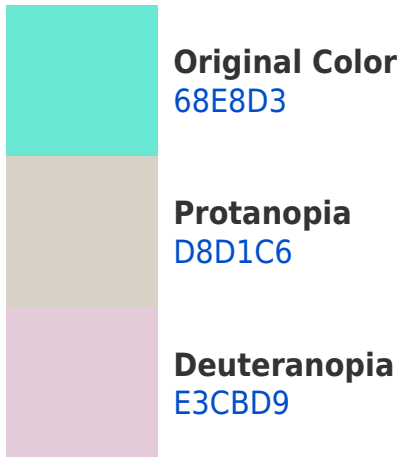


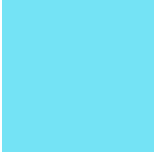
This preview shows how white text looks on a background with the Hex color 68E8D3.

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
74E3F5

Trichromacy



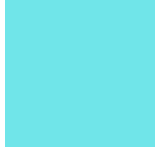
Original Color
68E8D3



Protanomaly
AFD9CB



Deuteranomaly
B6D6D7

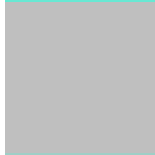


Tritanomaly
70E5E9

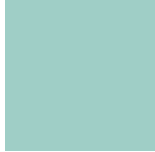
Monochromacy



Original Color
68E8D3



Achromatopsia
BFBFBF



Achromatomaly
9FCEC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 68E8D3 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 #68E8D3 looks like.

```
.text, #text, p{  
    color:#68E8D3  
}
```

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 #68E8D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68E8D3
}
```

Border

The CSS property to change the border of an element to Hex 68E8D3 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
#68E8D3 }
```

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

```
.border{ border-color:#68E8D3 }
```

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

Here you see how a box with a 4 pixel #68E8D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68E8D3; -webkit-box-shadow:4px 4px  
4px 4px #68E8D3; box-shadow:4px 4px 4px  
4px #68E8D3 }
```

Background

The CSS property to change the background color of an element to Hex 68E8D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68E8D3 }
```

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

```
.background{ background-color:#68E8D3 }
```

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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