

Converting Colors

Hex(8EE6D0)

Have a look what the booklet for
Hex(8EE6D0) contains.

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Color

Hex(8EE6D0)

Conversions

Conversions Part 1

Format	Color
Hex	8EE6D0
RGB	142, 230, 208
RGB Percent	56%, 90%, 82%
CMY	0.4431, 0.0980, 0.1843
CMYK	0.38, 0.00, 0.10, 0.10
HSL	165°, 64%, 73%
HSV	165°, 38%, 90%
XYZ	50.8373, 66.8985, 69.9078
YIQ	201.1800, -45.3860, -25.4980

Conversions

Conversions Part 2

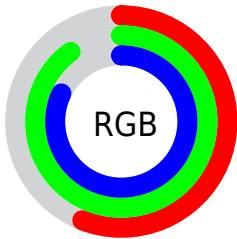
Format	Color
RYB	142, 192, 230
Decimal	9365200
CIELab	85.45, -31.43, 2.38
CIElCh	85, 31.518, 175.669
Yxy	66.8985, 0.2709, 0.3565
Android (android.graphics.Color)	4287555280 (0xFF8EE6D0)
YUV	201.1800, 3.3623, -51.9009
Hunter-Lab	81.7915, -32.1888, 6.5784

Details

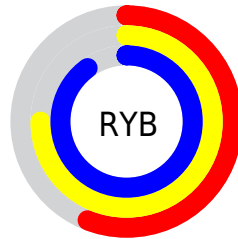
The Hex color **8EE6D0** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E68EA4**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C7FFFF**, and **56AE9A** is the 20% darker color. If you saturate the color by 10%, you get **77E6CA**, and if you desaturate by 10%, it is **A5E6D6**.

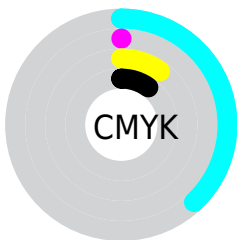
Distribution



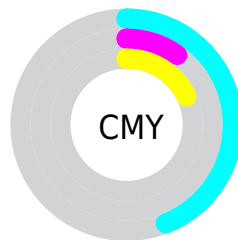
- Red (56%)
- Green (90%)
- Blue (82%)



- Red (56%)
- Yellow (75%)
- Blue (90%)



- Cyan (38%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (44%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EE6D0 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 8EE6D0 by changing the saturation by 10% instead.

 8EE6D0

 8EE6D0

FFFFFF

 72CAB4

 C7FFFF

 56AE9A

 E4FFFF

 3A9380

 197967

 00604F

 004838

 003023

 001C0D

 000000

 8EE6D0

 8EE6D0

 77E6CA

 A5E6D6

 60E6C5

 BCE6DC

 49E6BF

 D3E6E1

 32E6B9

 EAE6E7

 1BE6B3

 FFE6ED

 04E6AE

 FFE6F3

 00E6AD

 FFE6F8

 FFE6FE

 FFE6FF

Harmonies

Analogous

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



AEE2B3



8EE6D0



7CE6EE

Triad

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



8EE6D0



D4CFFF



FFC8A5

Complementary

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



8EE6D0



E68EA4

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.



`FFC1BD`



`8EE6D0`



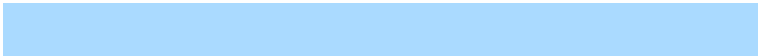
`F8C6F8`

Square

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



8EE6D0



AADAFF



FFC0DB



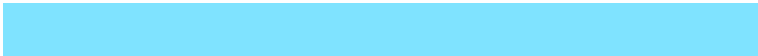
EFD29A

Rectangle

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



8EE6D0



7FE3FF



FFC0DB



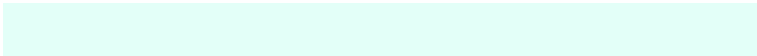
FFC5AC

Sweetspot

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



8EE6D0



E3FFF8



A4E68E



6F807B



000000



808080

Same Dimension

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



8EE6D0



8AFFE2



8ED0E6



677370



00B386



003326

Inverse Universe

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



E68EA4



FF8AA7



E6A48E



73676A



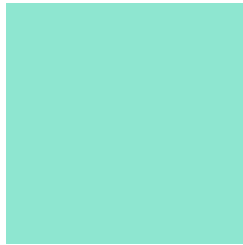
B3002D



33000D

Previews

White Background



This preview shows how the Hex color 8EE6D0 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 8EE6D0 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

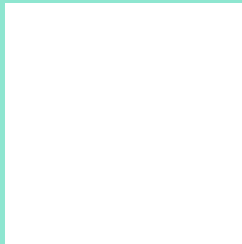
Any Text WCAG AAA ✓ Pass

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

Hex 8EE6D0 Background



This preview shows how black text looks on a background with the Hex color 8EE6D0.

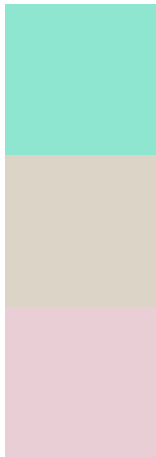


This preview shows how white text looks on a background with the Hex color 8EE6D0.

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](#).

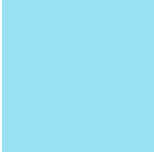
Dichromacy



Original Color
8EE6D0

Protanopia
DCD4C6

Deuteranopia
E9CED5

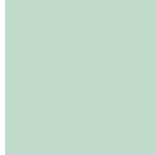


Tritanopia
97E1F3

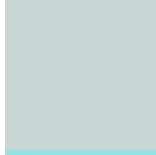
Trichromacy



Original Color
8EE6D0



Protanomaly
C0DBCA



Deuteranomaly
C8D7D3

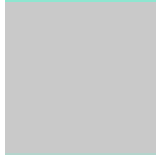


Tritanomaly
94E3E6

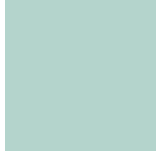
Monochromacy



Original Color
8EE6D0



Achromatopsia
C9C9C9



Achromatomaly
B4D4CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EE6D0 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 #8EE6D0 looks like.

```
.text, #text, p{  
    color:#8EE6D0  
}
```

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 #8EE6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE6D0  
}
```

Border

The CSS property to change the border of an element to Hex 8EE6D0 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  
#8EE6D0 }
```

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

```
.border{ border-color:#8EE6D0 }
```

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

Here you see how a box with a 4 pixel #8EE6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE6D0; -webkit-box-shadow:4px 4px  
4px 4px #8EE6D0; box-shadow:4px 4px 4px  
4px #8EE6D0 }
```

Background

The CSS property to change the background color of an element to Hex 8EE6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE6D0 }
```

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

```
.background{ background-color:#8EE6D0 }
```

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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