

Converting Colors

Hex(8DE6E2)

Have a look what the booklet for
Hex(8DE6E2) contains.

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Color

Hex(8DE6E2)

Conversions

Conversions Part 1

Format	Color
Hex	8DE6E2
RGB	141, 230, 226
RGB Percent	55%, 90%, 89%
CMY	0.4471, 0.0980, 0.1137
CMYK	0.39, 0.00, 0.02, 0.10
HSL	177°, 64%, 73%
HSV	177°, 39%, 90%
XYZ	53.0088, 67.7473, 82.2342
YIQ	202.9330, -51.7600, -20.1120

Conversions

Conversions Part 2

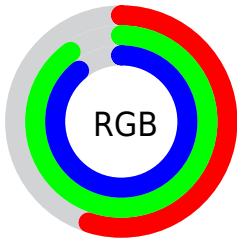
Format	Color
RYB	141, 187, 230
Decimal	9299682
CIELab	85.88, -27.57, -6.48
CIELCh	86, 28.323, 193.226
Yxy	67.7473, 0.2611, 0.3337
Android (android.graphics.Color)	4287489762 (0xFF8DE6E2)
YUV	202.9330, 11.3720, -54.3152
Hunter-Lab	82.3088, -29.0821, -1.6201

Details

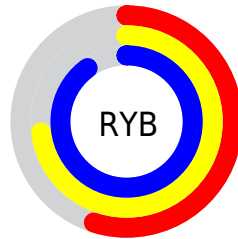
The Hex color **8DE6E2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E68D91**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C6FFFF**, and **54AEAB** is the 20% darker color. If you saturate the color by 10%, you get **76E6E1**, and if you desaturate by 10%, it is **A4E6E3**.

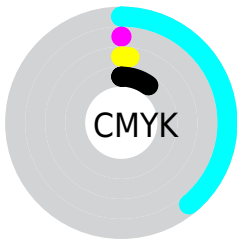
Distribution



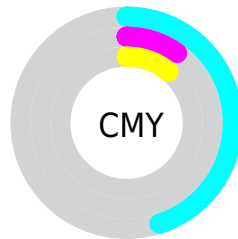
- Red (55%)
- Green (90%)
- Blue (89%)



- Red (55%)
- Yellow (73%)
- Blue (90%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (45%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8DE6E2 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 8DE6E2 by changing the saturation by 10% instead.

 8DE6E2

 8DE6E2

FFFFFF

 71CAC6

 C6FFFF

 54AEAB

 E4FFFF

 379390

 107977

 00605E

 004846

 003130

 001E1B

 000000

 8DE6E2

 8DE6E2

 76E6E1

 A4E6E3

 5FE6E0

 BBE6E4

 48E6DF

 D2E6E5

 31E6DE

 E9E6E6

 1AE6DD

 FFE6E7

 03E6DC

 FFE6E8

 00E6DC

 FFE6E9

 FFE6EA

 FFE6EB

Harmonies

Analogous

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



A2E5C6



8DE6E2



8CE4FB

Triad

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



8DE6E2



EACCFE



F8D0A4

Complementary

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



8DE6E2



E68D91

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.



FFC8B3



8DE6E2



FFC5E7

Square

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



8DE6E2



C7D5FF



FFC4CC



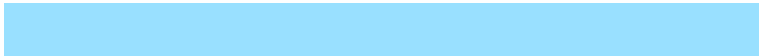
DED9A2

Rectangle

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



8DE6E2



99E0FF



FFC4CC



FFCDA8

Sweetspot

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



8DE6E2



E0FFFE



91E68D



6E807F



000000



808080

Same Dimension

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



8DE6E2



8AFFFA



8DBEE6



677372



00B3AA



003331

Inverse Universe

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



E68D91



FF8A8F



E6B58D



736768



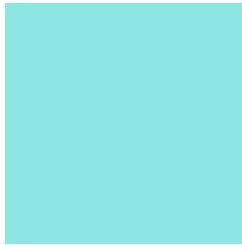
B30008



330002

Previews

White Background



This preview shows how the Hex color 8DE6E2 looks on a white background.

Color Contrast Check

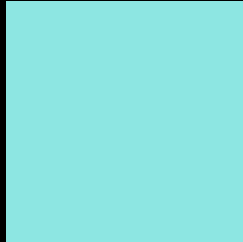
Large Text (above 18pt) WCAG AA × Fail

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 8DE6E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

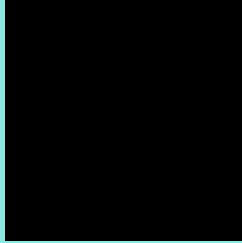
Any Text WCAG AA ✓ Pass

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 8DE6E2 Background



This preview shows how black text looks on a background with the Hex color 8DE6E2.

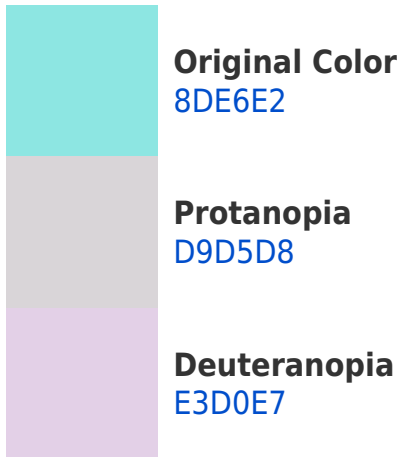


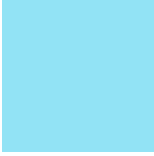
This preview shows how white text looks on a background with the Hex color 8DE6E2.

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



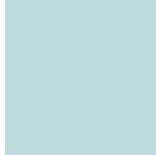


Tritanopia
92E3F5

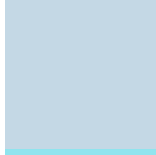
Trichromacy



Original Color
8DE6E2



Protanomaly
BDDBDC



Deuteranomaly
C4D8E5

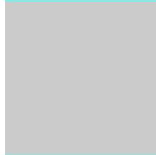


Tritanomaly
90E4EE

Monochromacy



Original Color
8DE6E2



Achromatopsia
CBCBCB



Achromatomaly
B4D5D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DE6E2 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 #8DE6E2 looks like.

```
.text, #text, p{  
    color:#8DE6E2  
}
```

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 #8DE6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE6E2
}
```

Border

The CSS property to change the border of an element to Hex 8DE6E2 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
#8DE6E2 }
```

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

```
.border{ border-color:#8DE6E2 }
```

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

Here you see how a box with a 4 pixel #8DE6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE6E2; -webkit-box-shadow:4px 4px  
4px 4px #8DE6E2; box-shadow:4px 4px 4px  
4px #8DE6E2 }
```

Background

The CSS property to change the background color of an element to Hex 8DE6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE6E2 }
```

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

```
.background{ background-color:#8DE6E2 }
```

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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