

Converting Colors

Hex(4DEFE8)

Have a look what the booklet for
Hex(4DEFE8) contains.

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Color

Hex(4DEFE8)

Conversions

Conversions Part 1

Format	Color
Hex	4DEFE8
RGB	77, 239, 232
RGB Percent	30%, 94%, 91%
CMY	0.6980, 0.0627, 0.0902
CMYK	0.68, 0.00, 0.03, 0.06
HSL	177°, 84%, 62%
HSV	177°, 68%, 94%
XYZ	48.4926, 69.1370, 87.1329
YIQ	189.7640, -94.3050, -36.5210

Conversions

Conversions Part 2

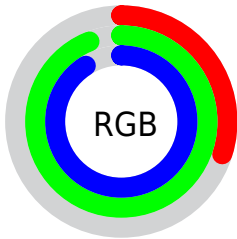
Format	Color
RYB	77, 160, 239
Decimal	5107688
CIELab	86.57, -42.59, -8.83
CIElCh	87, 43.497, 191.718
Yxy	69.1370, 0.2368, 0.3376
Android (android.graphics.Color)	4283297768 (0xFF4DEFE8)
YUV	189.7640, 20.8223, -98.8940
Hunter-Lab	83.1486, -41.4084, -3.9269

Details

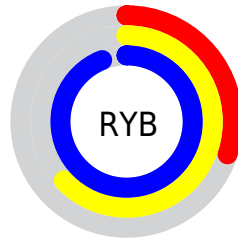
The Hex color **4DEFE8** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EF4D54**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **92FFFF**, and **00B6B0** is the 20% darker color. If you saturate the color by 10%, you get **35EFE7**, and if you desaturate by 10%, it is **65EFE9**.

Distribution



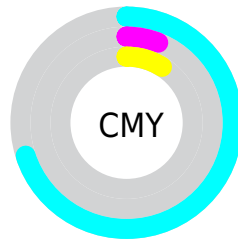
- Red (30%)
- Green (94%)
- Blue (91%)



- Red (30%)
- Yellow (63%)
- Blue (94%)



- Cyan (68%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (70%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DEFE8 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 4DEFE8 by changing the saturation by 10% instead.

 4DEFE8

 4DEFE8

FFFFFF

 1AD2CC

 92FFFF

 00B6B0

 B1FFFF

 009B96

 D1FFFF

 00807C

 F0FFFF

 006763

 004E4B

 003635

 002020

 000007

 4DEFE8

 4DEFE8

 35EFE7

 65EFE9

 1DEFE6

 7DEFEA

 05EFE5

 95EFEB

 00EFE5

 ADEFEC

 C4EFED

 DCEFEE

 F4EFEF

 FFEFF0

 FFEFF1

Harmonies

Analogous

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



84EDBD



4DEFE8



38ECFF

Triad

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



4DEFE8



F2C8FF



FFCD8B

Complementary

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



4DEFE8



EF4D54

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.



FFC0A4



4DEFE8



FFBCF4

Square

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



4DEFE8



B8D7FF



FFB9CA



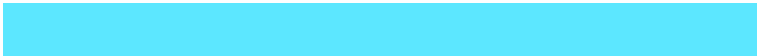
E4DB87

Rectangle

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



4DEFE8



5CE7FF



FFB9CA



FFC991

Sweetspot

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



4DEFE8



CCFFFD



55EF4D



61807E



000000



808080

Same Dimension

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



4DEFE8



30FFF6



4DA6EF



6C7877



00B8B0



003836

Inverse Universe

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



EF4D54



FF3039



EF964D



786C6C



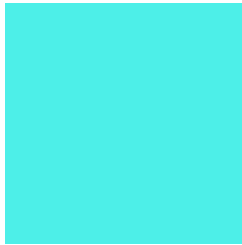
B80008



380002

Previews

White Background



This preview shows how the Hex color 4DEFE8 looks on a white background.

Color Contrast Check

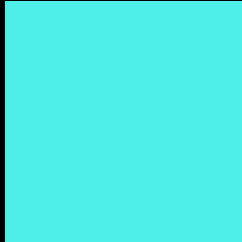
Large Text (above 18pt) WCAG AA × Fail

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 4DEFE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

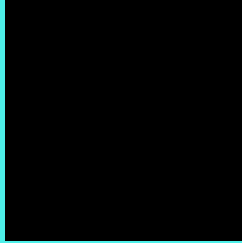
Any Text WCAG AA ✓ Pass

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 4DEFE8 Background



This preview shows how black text looks on a background with the Hex color 4DEFE8.

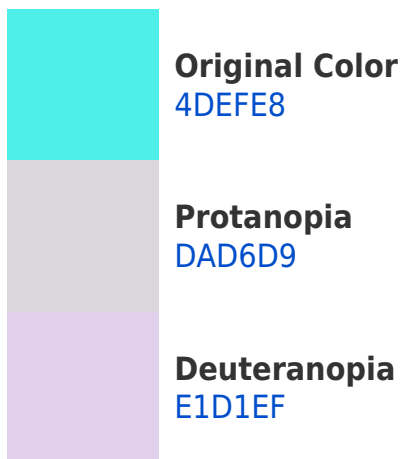


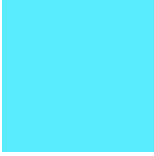
This preview shows how white text looks on a background with the Hex color 4DEFE8.

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
59ECFF

Trichromacy



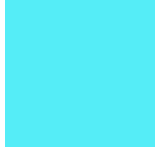
Original Color
4DFE8



Protanomaly
A7DFDE



Deuteranomaly
ABDCEC

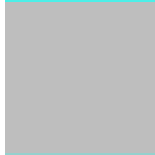


Tritanomaly
55EDF7

Monochromacy



Original Color
4DFE8



Achromatopsia
BEBEBE



Achromatomaly
95D0CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DEFE8 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 #4DEFE8 looks like.

```
.text, #text, p{  
    color:#4DEFE8  
}
```

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 #4DEFE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DEFE8
}
```

Border

The CSS property to change the border of an element to Hex 4DEFE8 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
#4DEFE8 }
```

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

```
.border{ border-color:#4DEFE8 }
```

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

Here you see how a box with a 4 pixel #4DEFE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DEFE8; -webkit-box-shadow:4px 4px  
4px 4px #4DEFE8; box-shadow:4px 4px 4px  
4px #4DEFE8 }
```

Background

The CSS property to change the background color of an element to Hex 4DEFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DEFE8 }
```

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

```
.background{ background-color:#4DEFE8 }
```

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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