

Converting Colors

Hex(4DE9E0)

Have a look what the booklet for
Hex(4DE9E0) contains.

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Color

Hex(4DE9E0)

Conversions

Conversions Part 1

Format	Color
Hex	4DE9E0
RGB	77, 233, 224
RGB Percent	30%, 91%, 88%
CMY	0.6980, 0.0863, 0.1216
CMYK	0.67, 0.00, 0.04, 0.09
HSL	177°, 78%, 61%
HSV	177°, 67%, 91%
XYZ	45.6540, 65.2374, 80.7069
YIQ	185.3300, -90.0870, -35.8710

Conversions

Conversions Part 2

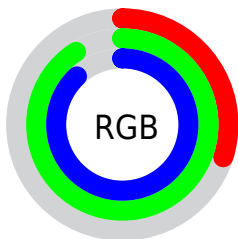
Format	Color
RYB	77, 157, 233
Decimal	5106144
CIELab	84.61, -42.07, -7.54
CIELCh	85, 42.740, 190.164
Yxy	65.2374, 0.2383, 0.3405
Android (android.graphics.Color)	4283296224 (0xFF4DE9E0)
YUV	185.3300, 19.0643, -95.0054
Hunter-Lab	80.7697, -40.4521, -2.7051

Details

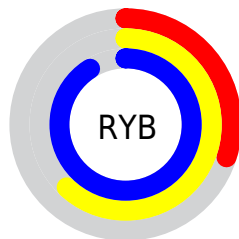
The Hex color **4DE9E0** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E94D56**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **90FFFF**, and **00B1A9** is the 20% darker color. If you saturate the color by 10%, you get **36E9DF**, and if you desaturate by 10%, it is **64E9E1**.

Distribution



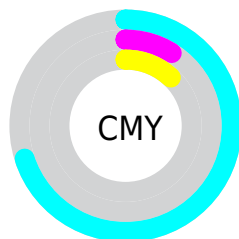
- Red (30%)
- Green (91%)
- Blue (88%)



- Red (30%)
- Yellow (62%)
- Blue (91%)



- Cyan (67%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (70%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DE9E0 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 4DE9E0 by changing the saturation by 10% instead.

 4DE9E0

 4DE9E0


FFFFFF

 1DCCC4

 90FFFF

 00B1A9

 B0FFFF

 00958E

 CFFFFFF

 007B75

 EFFFFFF

 00615C

 004945

 00312F

 00191A

 000000

 4DE9E0

 4DE9E0

 36E9DF

 64E9E1

 1EE9DD

 7CE9E3

 07E9DC

 93E9E4

 00E9DC

 AAE9E5

 C1E9E7

 D9E9E8

 F0E9E9

 FFE9EB

 FFE9EC

Harmonies

Analogous

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



83E7B6



4DE9E0



34E6FF

Triad

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



4DE9E0



EAC4FF



FFC788

Complementary

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



4DE9E0



E94D56

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.



FFBBA1



4DE9E0



FFB8F0

Square

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



4DE9E0



B0D2FF



FFB4C7



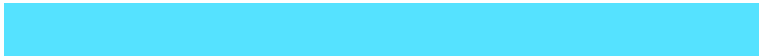
E1D583

Rectangle

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



4DE9E0



55E2FF



FFB4C7



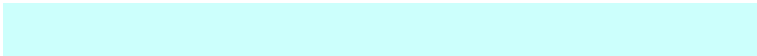
FFC38E

Sweetspot

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



4DE9E0



CCFFFC



57E94D



61807E



000000



808080

Same Dimension

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



4DE9E0



33FFF3



4DA5E9



6A7575



00B5AB



003632

Inverse Universe

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



E94D56



FF333F



E9914D



756A6A



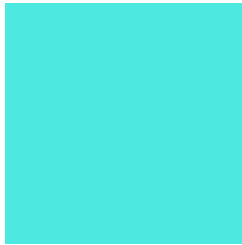
B5000A



360003

Previews

White Background



This preview shows how the Hex color 4DE9E0 looks on a white background.

Color Contrast Check

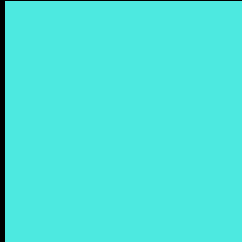
Large Text (above 18pt) WCAG AA × Fail

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 4DE9E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

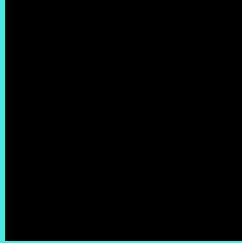
Any Text WCAG AA ✓ Pass

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 4DE9E0 Background



This preview shows how black text looks on a background with the Hex color 4DE9E0.

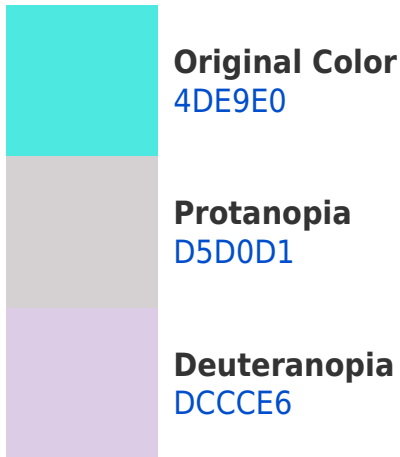


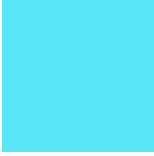
This preview shows how white text looks on a background with the Hex color 4DE9E0.

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
59E5F8

Trichromacy



Original Color
4DE9E0



Protanomaly
A4D9D6



Deuteranomaly
A8D7E4

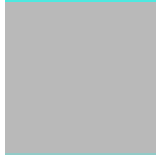


Tritanomaly
55E6EF

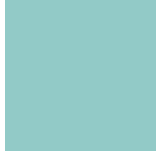
Monochromacy



Original Color
4DE9E0



Achromatopsia
B9B9B9



Achromatomaly
92CAC7

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DE9E0 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 #4DE9E0 looks like.

```
.text, #text, p{  
    color:#4DE9E0  
}
```

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 #4DE9E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DE9E0
}
```

Border

The CSS property to change the border of an element to Hex 4DE9E0 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
#4DE9E0 }
```

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

```
.border{ border-color:#4DE9E0 }
```

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

Here you see how a box with a 4 pixel #4DE9E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DE9E0; -webkit-box-shadow:4px 4px  
4px 4px #4DE9E0; box-shadow:4px 4px 4px  
4px #4DE9E0 }
```

Background

The CSS property to change the background color of an element to Hex 4DE9E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DE9E0 }
```

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

```
.background{ background-color:#4DE9E0 }
```

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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