

Converting Colors

Hex(4DE3B3)

Have a look what the booklet for
Hex(4DE3B3) contains.

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Color

Hex(4DE3B3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4DE3B3 |
| RGB | 77, 227, 179 |
| RGB Percent | 30%, 89%, 70% |
| CMY | 0.6980, 0.1098, 0.2980 |
| CMYK | 0.66, 0.00, 0.21, 0.11 |
| HSL | 161°, 73%, 60% |
| HSV | 161°, 66%, 89% |
| XYZ | 38.6663, 59.7706, 52.1468 |
| YIQ | 176.6780, -73.9920, -46.7280 |

Conversions

Conversions Part 2

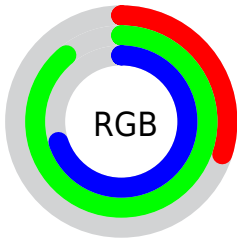
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 77, 166, 227 |
| Decimal | 5104563 |
| CIELab | 81.71, -50.70, 11.99 |
| CIELCh | 82, 52.095, 166.690 |
| Yxy | 59.7706, 0.2568, 0.3969 |
| Android (android.graphics.Color) | 4283294643 (0xFF4DE3B3) |
| YUV | 176.6780, 1.1447, -87.4176 |
| Hunter-Lab | 77.3115, -46.0206, 14.1268 |

Details

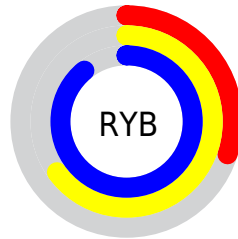
The Hex color **4DE3B3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E34D7D**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **8DFFE8**, and **00AB7E** is the 20% darker color. If you saturate the color by 10%, you get **36E3AC**, and if you desaturate by 10%, it is **64E3BA**.

Distribution



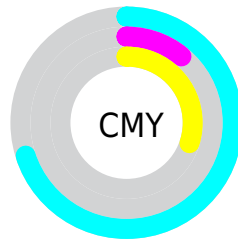
- Red (30%)
- Green (89%)
- Blue (70%)



- Red (30%)
- Yellow (65%)
- Blue (89%)



- Cyan (66%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)



- Cyan (70%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DE3B3 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 4DE3B3 by changing the saturation by 10% instead.

 4DE3B3

 4DE3B3

FFFFFF

 23C698

 8DFFEB

 00AB7E

 ACFFFF

 008F65

 CAFFFF

 00754D

 E9FFFF

 005B36

 004221

 002D0B

 000C00

 000000

 4DE3B3

 4DE3B3


 36E3AC

 64E3BA

 20E3A4

 7AE3C2

 09E39D

 91E3C9

 00E39A

 A8E3D0

 BEE3D7

 D5E3DF

 ECE3E6

 FFE3ED

 FFE3F4

Harmonies

Analogous

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



97DD86



4DE3B3



00E4E6

Triad

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



4DE3B3



ADC7FF



FFAF86

Complementary

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



4DE3B3



E34D7D

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.



FFA4B2



4DE3B3



F2B4FF

Square

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



4DE3B3



42D6FF



FFA6E3



FCC16B

Rectangle

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



4DE3B3



00E2FF



FFA6E3



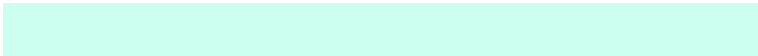
FFAB93

Sweetspot

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



4DE3B3



CCFFE3



7FE34D



618076



000000



808080

Same Dimension

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



4DE3B3



36FFBF



4DCAE3



67736F



00B379



003323

Inverse Universe

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



E34D7D



FF3676



E3664D



73676B



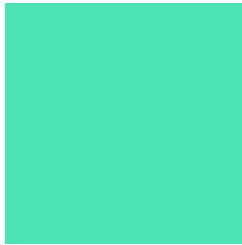
B30039



330010

Previews

White Background



This preview shows how the Hex color 4DE3B3 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 4DE3B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

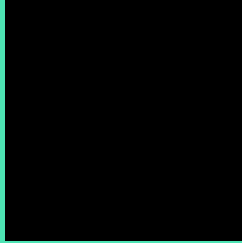
Any Text WCAG AA ✓ Pass

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 4DE3B3 Background



This preview shows how black text looks on a background with the Hex color 4DE3B3.

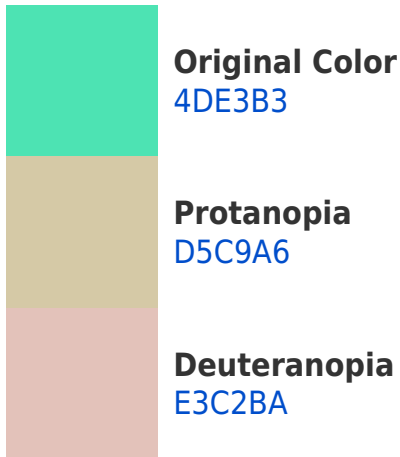


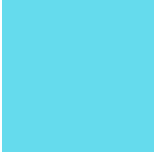
This preview shows how white text looks on a background with the Hex color 4DE3B3.

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
65DBED

Trichromacy



Original Color
4DE3B3



Protanomaly
A4D2AB



Deuteranomaly
ACCEB7

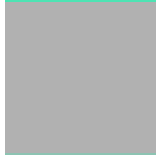


Tritanomaly
5CDED8

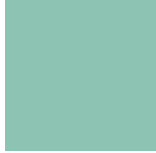
Monochromacy



Original Color
4DE3B3



Achromatopsia
B1B1B1



Achromatomaly
8DC3B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DE3B3 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 #4DE3B3 looks like.

```
.text, #text, p{  
    color:#4DE3B3  
}
```

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 #4DE3B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DE3B3
}
```

Border

The CSS property to change the border of an element to Hex 4DE3B3 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
#4DE3B3 }
```

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

```
.border{ border-color:#4DE3B3 }
```

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

Here you see how a box with a 4 pixel #4DE3B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DE3B3; -webkit-box-shadow:4px 4px  
4px 4px #4DE3B3; box-shadow:4px 4px 4px  
4px #4DE3B3 }
```

Background

The CSS property to change the background color of an element to Hex 4DE3B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DE3B3 }
```

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

```
.background{ background-color:#4DE3B3 }
```

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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