

Converting Colors

Hex(4DE5E5)

Have a look what the booklet for
Hex(4DE5E5) contains.

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Color

Hex(4DE5E5)

Conversions

Conversions Part 1

Format	Color
Hex	4DE5E5
RGB	77, 229, 229
RGB Percent	30%, 90%, 90%
CMY	0.6980, 0.1020, 0.1020
CMYK	0.66, 0.00, 0.00, 0.10
HSL	180°, 75%, 60%
HSV	180°, 66%, 90%
XYZ	45.2227, 63.2735, 83.9583
YIQ	183.5520, -90.5920, -32.2240

Conversions

Conversions Part 2

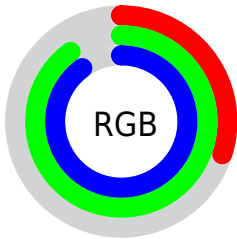
Format	Color
RYB	77, 153, 229
Decimal	5105125
CIELab	83.59, -38.91, -11.70
CIElCh	84, 40.631, 196.734
Yxy	63.2735, 0.2350, 0.3288
Android (android.graphics.Color)	4283295205 (0xFF4DE5E5)
YUV	183.5520, 22.4059, -93.4461
Hunter-Lab	79.5447, -37.7224, -6.8985

Details

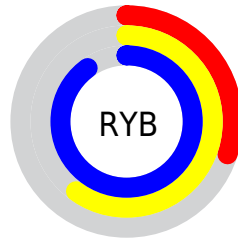
The Hex color **4DE5E5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E54D4D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **90FFFF**, and **00ADAE** is the 20% darker color. If you saturate the color by 10%, you get **36E5E5**, and if you desaturate by 10%, it is **64E5E5**.

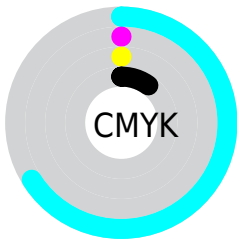
Distribution



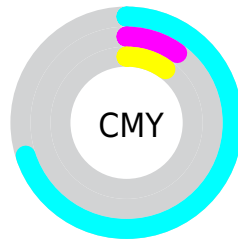
- Red (30%)
- Green (90%)
- Blue (90%)



- Red (30%)
- Yellow (60%)
- Blue (90%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DE5E5 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 4DE5E5 by changing the saturation by 10% instead.

 4DE5E5

FFFFFF

 90FFFF

 B0FFFF

 CFFFFFF

 EFFFFFF

 4DE5E5

 1DC9C9

 00ADAE

 009293

 007879

 005E61

 004649

 002E32

 00161E

 000002

 4DE5E5

 4DE5E5

 36E5E5

 64E5E5

 1FE5E5

 7BE5E5

 08E5E5

 92E5E5

 00E5E5

 A9E5E5

 BFE5E5

 D6E5E5

 EDE5E5

 FFE5E5

Harmonies

Analogous

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



7AE4BE



4DE5E5



4AE1FF

Triad

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



4DE5E5



F0BFFF



F9C886

Complementary

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



4DE5E5



E54D4D

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.



FFBB9A



4DE5E5



FFB5E3

Square

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



4DE5E5



BDCDFE



FFB4BC



D5D586

Rectangle

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



4DE5E5



6BDCFF



FFB4BC



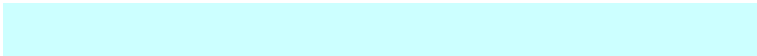
FFC48B

Sweetspot

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



4DE5E5



CCFFFF



4DE54D



618080



000000



808080

Same Dimension

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



4DE5E5



33FFFF



4D99E5



677373



00B3B3



003333

Inverse Universe

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



E54DE5



FF33FF



E5994D



736773



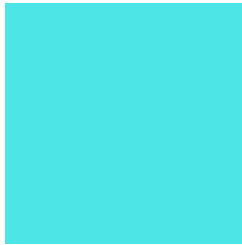
B300B3



330033

Previews

White Background



This preview shows how the Hex color 4DE5E5 looks on a white background.

Color Contrast Check

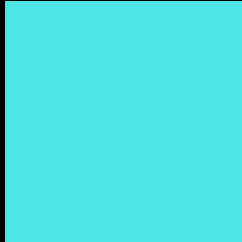
Large Text (above 18pt) WCAG AA × Fail

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 4DE5E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

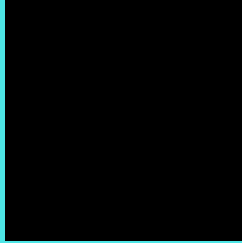
Any Text WCAG AA ✓ Pass

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 4DE5E5 Background



This preview shows how black text looks on a background with the Hex color 4DE5E5.

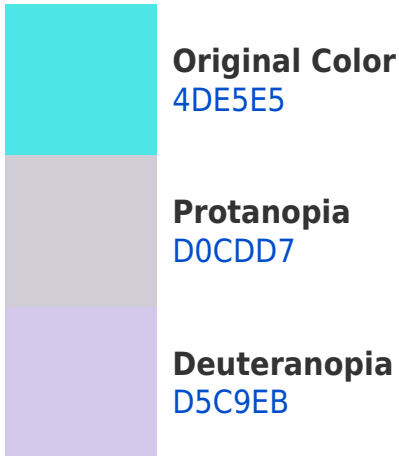


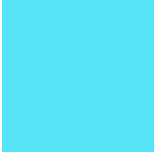
This preview shows how white text looks on a background with the Hex color 4DE5E5.

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
55E3F5

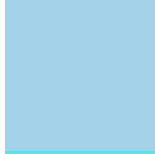
Trichromacy



Original Color
4DE5E5



Protanomaly
A0D6DC



Deuteranomaly
A4D3E9

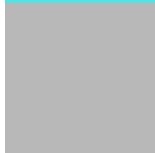


Tritanomaly
52E4EF

Monochromacy



Original Color
4DE5E5



Achromatopsia
B8B8B8



Achromatomaly
91C8C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DE5E5 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 #4DE5E5 looks like.

```
.text, #text, p{  
    color:#4DE5E5  
}
```

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 #4DE5E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DE5E5
}
```

Border

The CSS property to change the border of an element to Hex 4DE5E5 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
#4DE5E5 }
```

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

```
.border{ border-color:#4DE5E5 }
```

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

Here you see how a box with a 4 pixel #4DE5E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DE5E5; -webkit-box-shadow:4px 4px  
4px 4px #4DE5E5; box-shadow:4px 4px 4px  
4px #4DE5E5 }
```

Background

The CSS property to change the background color of an element to Hex 4DE5E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DE5E5 }
```

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

```
.background{ background-color:#4DE5E5 }
```

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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