

Converting Colors

Hex(4DE3F5)

Have a look what the booklet for
Hex(4DE3F5) contains.

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Color

Hex(4DE3F5)

Conversions

Conversions Part 1

Format	Color
Hex	4DE3F5
RGB	77, 227, 245
RGB Percent	30%, 89%, 96%
CMY	0.6980, 0.1098, 0.0392
CMYK	0.69, 0.07, 0.00, 0.04
HSL	186°, 89%, 63%
HSV	186°, 69%, 96%
XYZ	47.0111, 63.1085, 96.0896
YIQ	184.2020, -95.1780, -26.2020

Conversions

Conversions Part 2

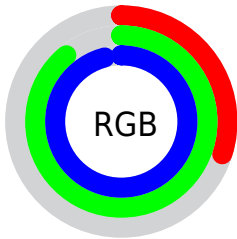
Format	Color
R _Y B	77, 156, 245
Decimal	5104629
CIE Lab	83.50, -33.46, -20.29
CIE LCh	83, 39.128, 211.231
Yxy	63.1085, 0.2280, 0.3060
Android (android.graphics.Color)	4283294709 (0xFF4DE3F5)
YUV	184.2020, 29.9734, -94.0162
Hunter-Lab	79.4409, -33.3898, -16.1070

Details

The Hex color **4DE3F5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F55F4D**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **92FFFF**, and **00ABBD** is the 20% darker color. If you saturate the color by 10%, you get **34E0F5**, and if you desaturate by 10%, it is **65E6F5**.

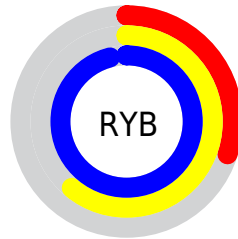
Distribution



Red (30%)

Green (89%)

Blue (96%)



Red (30%)

Yellow (61%)

Blue (96%)

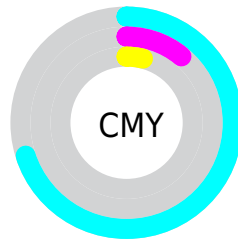


Cyan (69%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (70%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DE3F5 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 4DE3F5 by changing the saturation by 10% instead.

 4DE3F5

 4DE3F5


FFFFFF

 1AC7D9

 92FFFF

 00ABBD

 B1FFFF

 0090A2

 D0FFFF

 007687

 F0FFFF

 005D6E

 004556

 002E3E

 001629

 000113

 4DE3F5

 4DE3F5

 34E0F5

 65E6F5

 1CDEF5

 7EE8F5

 03DBF5

 96EBF5

 00DBF5

 AFEDF5

 C7F0F5

 E0F3F5

 F9F5F5

 FFF8F5

 FFFBF5

Harmonies

Analogous

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



69E4D0



4DE3F5



67DDFF

Triad

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



4DE3F5



FFBAF4



E8CE86

Complementary

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



4DE3F5



F55F4D

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.



FFC291



4DE3F5



FFB4D0

Square

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



4DE3F5



D7C6FF



FFB7AC



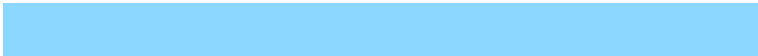
C1D990

Rectangle

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



4DE3F5



8CD7FF



FFB7AC



F3CA87

Sweetspot

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



4DE3F5



C9F9FF



4DF55E



607C80



000000



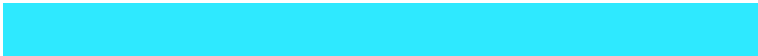
808080

Same Dimension

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



4DE3F5



2EE9FF



4D90F5



6E797A



00A6BA



00343B

Inverse Universe

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



F54DE3



FF2EE9



F5B24D



7A6E79



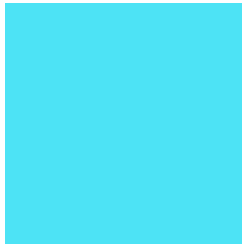
BA00A6



3B0034

Previews

White Background



This preview shows how the Hex color 4DE3F5 looks on a white background.

Color Contrast Check

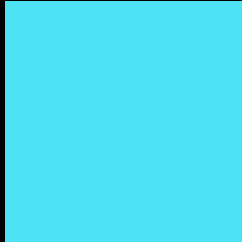
Large Text (above 18pt) WCAG AA × Fail

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 4DE3F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

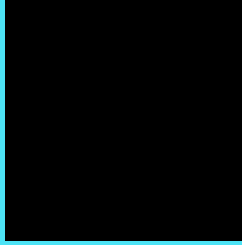
Any Text WCAG AA ✓ Pass

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 4DE3F5 Background



This preview shows how black text looks on a background with the Hex color 4DE3F5.

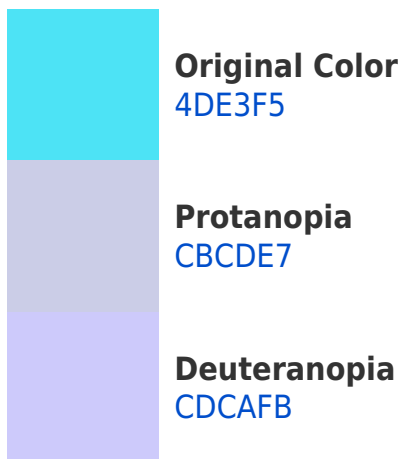


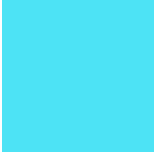
This preview shows how white text looks on a background with the Hex color 4DE3F5.

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](#).

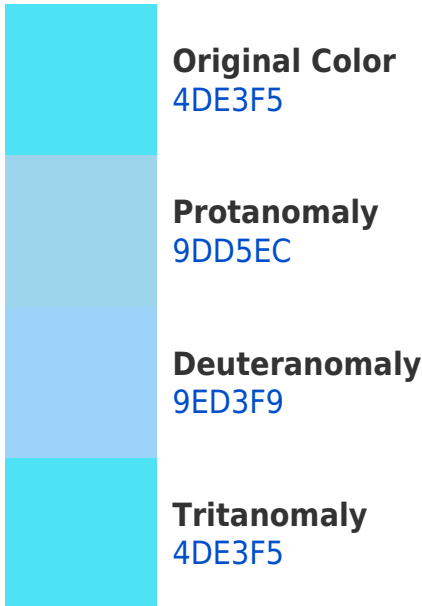
Dichromacy



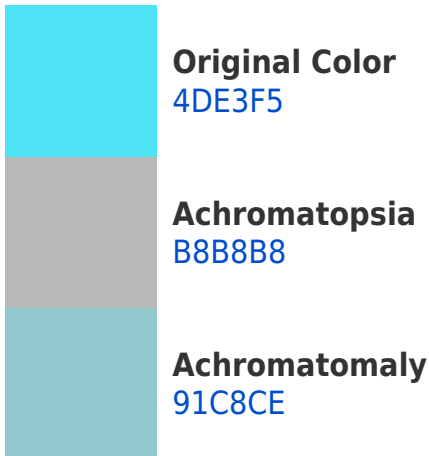


Tritanopia
4DE3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DE3F5 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 #4DE3F5 looks like.

```
.text, #text, p{  
    color:#4DE3F5  
}
```

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 #4DE3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DE3F5
}
```

Border

The CSS property to change the border of an element to Hex 4DE3F5 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
#4DE3F5 }
```

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

```
.border{ border-color:#4DE3F5 }
```

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

Here you see how a box with a 4 pixel #4DE3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DE3F5; -webkit-box-shadow:4px 4px  
4px 4px #4DE3F5; box-shadow:4px 4px 4px  
4px #4DE3F5 }
```

Background

The CSS property to change the background color of an element to Hex 4DE3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DE3F5 }
```

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

```
.background{ background-color:#4DE3F5 }
```

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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