

Converting Colors

Hex(4DD1E5)

Have a look what the booklet for
Hex(4DD1E5) contains.

Hex(4DD1E5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4DD1E5)

Conversions

Conversions Part 1

Format	Color
Hex	4DD1E5
RGB	77, 209, 229
RGB Percent	30%, 82%, 90%
CMY	0.6980, 0.1804, 0.1020
CMYK	0.66, 0.09, 0.00, 0.10
HSL	188°, 75%, 60%
HSV	188°, 66%, 90%
XYZ	40.0039, 52.8359, 82.2187
YIQ	171.8120, -85.0920, -21.7640

Conversions

Conversions Part 2

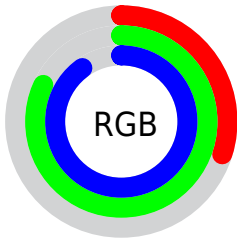
Format	Color
RYB	77, 148, 229
Decimal	5100005
CIELab	77.78, -29.51, -20.44
CIElCh	78, 35.895, 214.706
Yxy	52.8359, 0.2285, 0.3018
Android (android.graphics.Color)	4283290085 (0xFF4DD1E5)
YUV	171.8120, 28.1937, -83.1501
Hunter-Lab	72.6883, -28.9673, -16.1819

Details

The Hex color **4DD1E5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E5614D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **8EFFFF**, and **009AAE** is the 20% darker color. If you saturate the color by 10%, you get **36CEE5**, and if you desaturate by 10%, it is **64D4E5**.

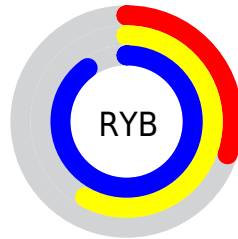
Distribution



Red (30%)

Green (82%)

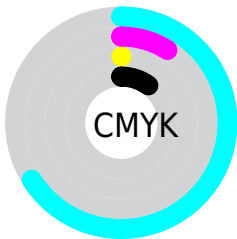
Blue (90%)



Red (30%)

Yellow (58%)

Blue (90%)

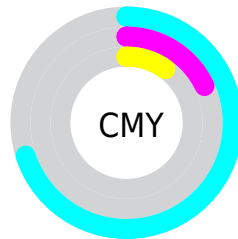


Cyan (66%)

Magenta (9%)

Yellow (0%)

Black (10%)



Cyan (70%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4DD1E5 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 4DD1E5 by changing the saturation by 10% instead.

 4DD1E5

 4DD1E5

FFFFFF

 21B5C9

 8EFFFF

 009AAE

 ADFFFF

 008093

 CCFFFF

 006679

 EBFFFF

 004E60

 003648

 002332

 00021D

 000000

 4DD1E5

 4DD1E5

 36CEE5

 64D4E5

 1FCBE5

 7BD7E5

 08C8E5

 92DAE5

 00C7E5

 A9DDE5

 BFE0E5

 D6E3E5

 EDE6E5

 FFE9E5

 FFECE5

Harmonies

Analogous

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



60D2C5



4DD1E5



69CBFC

Triad

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



4DD1E5



EFABDD



D2C07D

Complementary

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



4DD1E5



E5614D

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.



EFB485



4DD1E5



FFA7BC

Square

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



4DD1E5



CBB6F7



FFAB9C



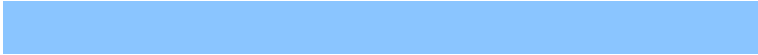
AECA89

Rectangle

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



4DD1E5



8AC5FF



FFAB9C



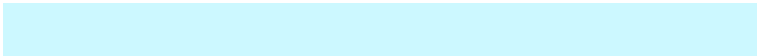
DDBC7E

Sweetspot

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



4DD1E5



CCF8FF



4DE55F



617B80



000000



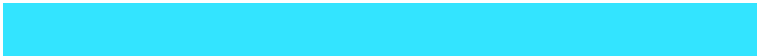
808080

Same Dimension

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



4DD1E5



33E4FF



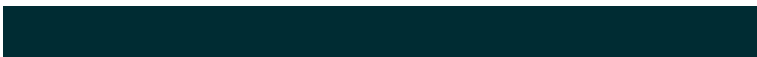
4D87E5



677173



009BB3



002C33

Inverse Universe

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



E54DD1



FF33E4



E5AB4D



736771



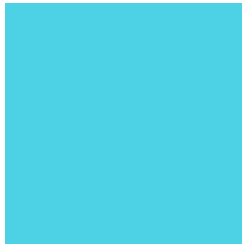
B3009B



33002C

Previews

White Background



This preview shows how the Hex color 4DD1E5 looks on a white background.

Color Contrast Check

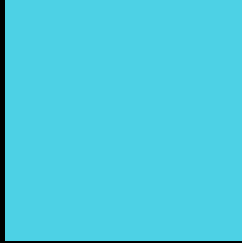
Large Text (above 18pt) WCAG AA × Fail

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 4DD1E5 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 4DD1E5 Background



This preview shows how black text looks on a background with the Hex color 4DD1E5.

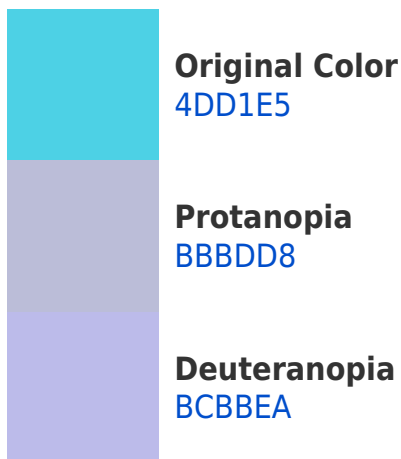


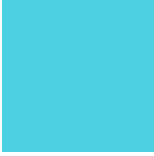
This preview shows how white text looks on a background with the Hex color 4DD1E5.

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](#).

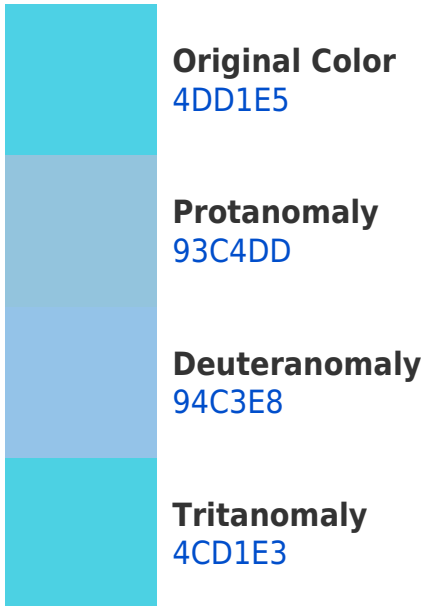
Dichromacy



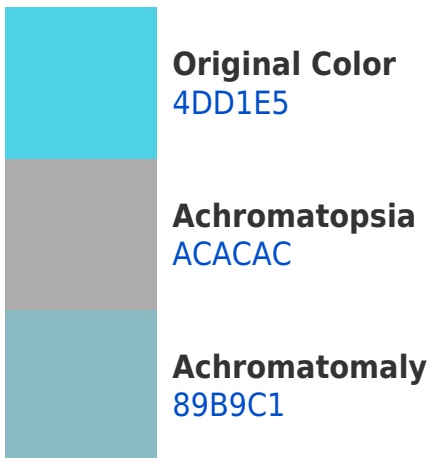


Tritanopia
4CD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DD1E5 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 #4DD1E5 looks like.

```
.text, #text, p{  
    color:#4DD1E5  
}
```

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 #4DD1E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD1E5
}
```

Border

The CSS property to change the border of an element to Hex 4DD1E5 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
#4DD1E5 }
```

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

```
.border{ border-color:#4DD1E5 }
```

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

Here you see how a box with a 4 pixel #4DD1E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD1E5; -webkit-box-shadow:4px 4px  
4px 4px #4DD1E5; box-shadow:4px 4px 4px  
4px #4DD1E5 }
```

Background

The CSS property to change the background color of an element to Hex 4DD1E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD1E5 }
```

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

```
.background{ background-color:#4DD1E5 }
```

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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