

Converting Colors

Hex(4DD5C4)

Have a look what the booklet for
Hex(4DD5C4) contains.

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Color

Hex(4DD5C4)

Conversions

Conversions Part 1

Format	Color
Hex	4DD5C4
RGB	77, 213, 196
RGB Percent	30%, 84%, 77%
CMY	0.6980, 0.1647, 0.2314
CMYK	0.64, 0.00, 0.08, 0.16
HSL	172°, 62%, 57%
HSV	172°, 64%, 84%
XYZ	36.8186, 53.1518, 60.5433
YIQ	170.3980, -75.5990, -34.1190

Conversions

Conversions Part 2

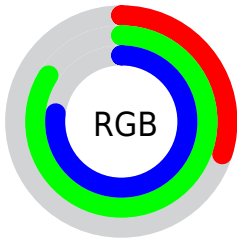
Format	Color
RYB	77, 150, 213
Decimal	5100996
CIELab	77.96, -40.53, -2.45
CIELCh	78, 40.609, 183.465
Yxy	53.1518, 0.2446, 0.3531
Android (android.graphics.Color)	4283291076 (0xFF4DD5C4)
YUV	170.3980, 12.6218, -81.9100
Hunter-Lab	72.9053, -37.4382, 1.7970

Details

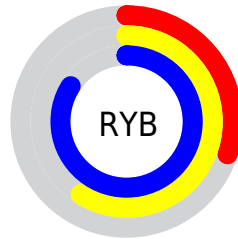
The Hex color **4DD5C4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D54D5E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8CFFFD**, and **009E8E** is the 20% darker color. If you saturate the color by 10%, you get **38D5C1**, and if you desaturate by 10%, it is **62D5C7**.

Distribution



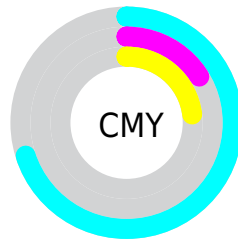
- Red (30%)
- Green (84%)
- Blue (77%)



- Red (30%)
- Yellow (59%)
- Blue (84%)



- Cyan (64%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (70%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DD5C4 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 4DD5C4 by changing the saturation by 10% instead.

 4DD5C4

 4DD5C4

FFFFFF

 25B9A9

 8CFFFD

 009E8E

 ABFFFF

 008375

 C9FFFF

 00695C

 E7FFFF

 005045

 00382F

 00231A

 000000

 4DD5C4

 4DD5C4

■ 38D5C1

■ 62D5C7

■ 22D5BF

■ 78D5C9

■ 0DD5BC

■ 8DD5CC

■ 00D5BA

■ A2D5CF

■ B7D5D1

■ CDD5D4

■ E2D5D7

■ F7D5D9

■ FFD5DC

Harmonies

Analogous

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



80D29E



4DD5C4



23D4E9

Triad

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



4DD5C4



CBB5FF



F5B37E

Complementary

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



4DD5C4



D54D5E

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.



FFA899



4DD5C4



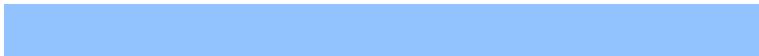
F4A9E3

Square

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



4DD5C4



92C3FF



FFA3BE



D5C075

Rectangle

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



4DD5C4



3BD0FC



FFA3BE



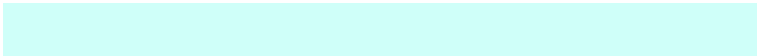
FDAF86

Sweetspot

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



4DD5C4



CFFF9



5FD54D



62807C



000000



808080

Same Dimension

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



4DD5C4



3BFFE6



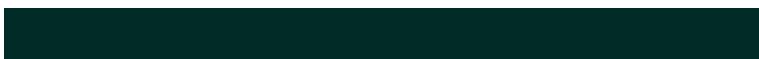
4DA3D5



606B6A



00AB95



002B26

Inverse Universe

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



D54D5E



FF3B53



D57F4D



6B6062



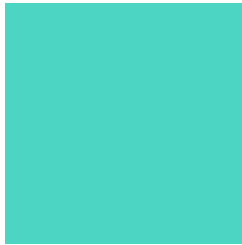
AB0015



2B0005

Previews

White Background



This preview shows how the Hex color 4DD5C4 looks on a white background.

Color Contrast Check

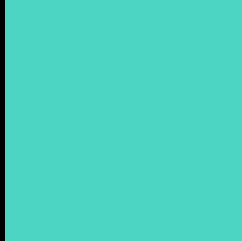
Large Text (above 18pt) WCAG AA × Fail

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 4DD5C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

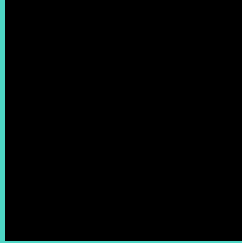
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

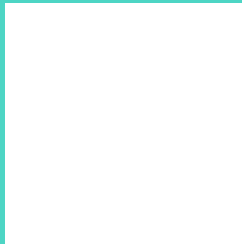
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4DD5C4 Background



This preview shows how black text looks on a background with the Hex color 4DD5C4.

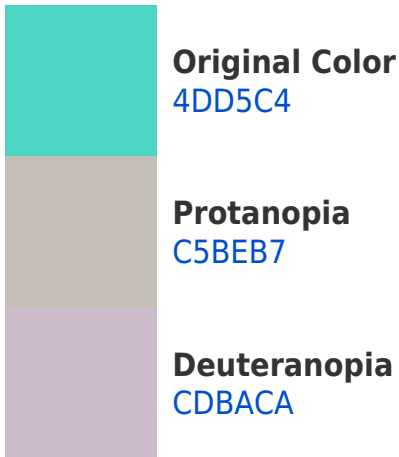


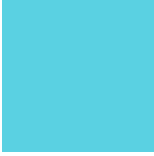
This preview shows how white text looks on a background with the Hex color 4DD5C4.

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](#).

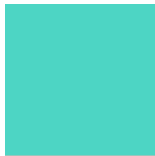
Dichromacy



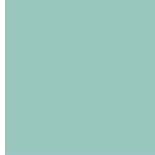


Tritanopia
5AD1E2

Trichromacy



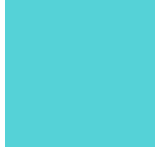
Original Color
4DD5C4



Protanomaly
99C6BC



Deuteranomaly
9EC4C8



Tritanomaly
55D2D7

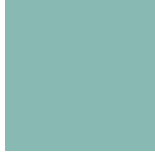
Monochromacy



Original Color
4DD5C4



Achromatopsia
AAAAAA



Achromatomaly
88BAB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DD5C4 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 #4DD5C4 looks like.

```
.text, #text, p{  
    color:#4DD5C4  
}
```

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 #4DD5C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD5C4
}
```

Border

The CSS property to change the border of an element to Hex 4DD5C4 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
#4DD5C4 }
```

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

```
.border{ border-color:#4DD5C4 }
```

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

Here you see how a box with a 4 pixel #4DD5C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD5C4; -webkit-box-shadow:4px 4px  
4px 4px #4DD5C4; box-shadow:4px 4px 4px  
4px #4DD5C4 }
```

Background

The CSS property to change the background color of an element to Hex 4DD5C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD5C4 }
```

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

```
.background{ background-color:#4DD5C4 }
```

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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