

Converting Colors

Hex(4CDF80)

Have a look what the booklet for
Hex(4CDF80) contains.

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Color

Hex(4CDF80)

Conversions

Conversions Part 1

Format	Color
Hex	4CDF80
RGB	76, 223, 128
RGB Percent	30%, 87%, 50%
CMY	0.7020, 0.1255, 0.4980
CMYK	0.66, 0.00, 0.43, 0.13
HSL	141°, 70%, 59%
HSV	141°, 66%, 87%
XYZ	33.2644, 55.8704, 29.4529
YIQ	168.2170, -57.1170, -60.7090

Conversions

Conversions Part 2

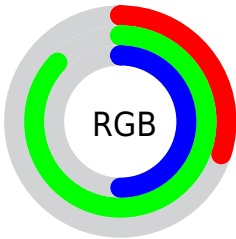
Format	Color
RYB	76, 185, 223
Decimal	5037952
CIELab	79.54, -59.45, 35.38
CIElCh	80, 69.182, 149.245
Yxy	55.8704, 0.2805, 0.4711
Android (android.graphics.Color)	4283228032 (0xFF4CDF80)
YUV	168.2170, -19.8270, -80.8743
Hunter-Lab	74.7465, -51.3684, 28.9601

Details

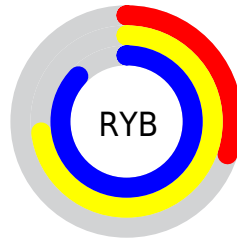
The Hex color **4CDF80** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DF4CAB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8CFFB6**, and **00A74D** is the 20% darker color. If you saturate the color by 10%, you get **36DF72**, and if you desaturate by 10%, it is **62DF8E**.

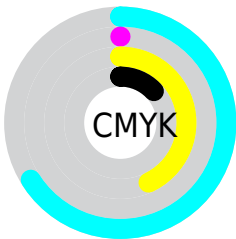
Distribution



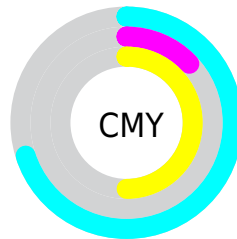
- Red (30%)
- Green (87%)
- Blue (50%)



- Red (30%)
- Yellow (73%)
- Blue (87%)



- Cyan (66%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (70%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CDF80 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 4CDF80 by changing the saturation by 10% instead.



4CDF80



4CDF80

FFFFFF



23C266



8CFFB6



00A74D



AAFFD2



008B35



C8FFEE



00711C



E7FFFF



005701



003E00



002700



000000



4CDF80



4CDF80

 36DF72

 62DF8E

 1FDF63

 79DF9D

 09DF55

 8FDFAB

 00DF4F

 A5DFBA

 BCDFC8

 D2DFD6

 E8DFE5

 FEDFF3

 FFDFFF

Harmonies

Analogous

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



A9D44C



4CDF80



00E4C1

Triad

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



4CDF80



00CDFE



FF918A

Complementary

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



4CDF80



DF4CAB

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.



FF8AC9



4CDF80



C3B5FF

Square

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



4CDF80



00DCFF



FF9AFF



FFA955

Rectangle

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



4CDF80



00E4EE



FF9AFF



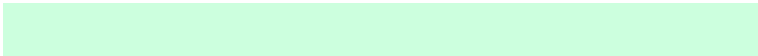
FF8C9E

Sweetspot

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



4CDF80



CCFFDE



ACDF4C



61806C



000000



808080

Same Dimension

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



4CDF80



36FF7D



4CDFC9



657069



00B03E



003011

Inverse Universe

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



DF4CAB



FF36B8



DF4C62



70656C



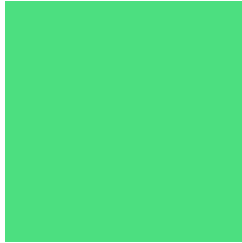
B00072



30001F

Previews

White Background



This preview shows how the Hex color 4CDF80 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 4CDF80 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

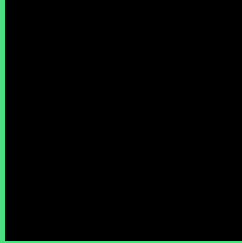
Any Text WCAG AA ✓ Pass

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 4CDF80 Background



This preview shows how black text looks on a background with the Hex color 4CDF80.

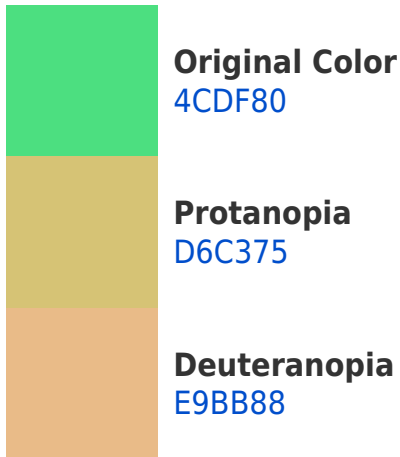


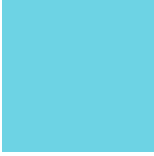
This preview shows how white text looks on a background with the Hex color 4CDF80.

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
6DD3E4

Trichromacy



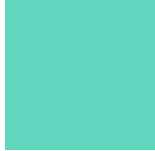
Original Color
4CDF80



Protanomaly
A4CD79



Deuteranomaly
B0C885



Tritanomaly
61D7C0

Monochromacy



Original Color
4CDF80



Achromatopsia
A8A8A8



Achromatomaly
87BC99

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CDF80 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 #4CDF80 looks like.

```
.text, #text, p{  
    color:#4CDF80  
}
```

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 #4CDF80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CDF80
}
```

Border

The CSS property to change the border of an element to Hex 4CDF80 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
#4CDF80 }
```

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

```
.border{ border-color:#4CDF80 }
```

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

Here you see how a box with a 4 pixel #4CDF80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CDF80; -webkit-box-shadow:4px 4px  
4px 4px #4CDF80; box-shadow:4px 4px 4px  
4px #4CDF80 }
```

Background

The CSS property to change the background color of an element to Hex 4CDF80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CDF80 }
```

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

```
.background{ background-color:#4CDF80 }
```

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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