

Converting Colors

Hex(4BD679)

Have a look what the booklet for
Hex(4BD679) contains.

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Color

Hex(4BD679)

Conversions

Conversions Part 1

Format	Color
Hex	4BD679
RGB	75, 214, 121
RGB Percent	29%, 84%, 47%
CMY	0.7059, 0.1608, 0.5255
CMYK	0.65, 0.00, 0.43, 0.16
HSL	140°, 63%, 57%
HSV	140°, 65%, 84%
XYZ	30.3994, 50.9695, 26.3250
YIQ	161.8370, -52.9910, -58.3910

Conversions

Conversions Part 2

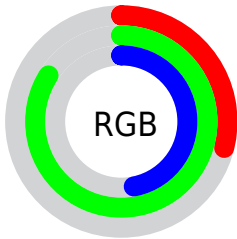
Format	Color
RYB	75, 179, 214
Decimal	4970105
CIELab	76.66, -57.46, 35.16
CIELCh	77, 67.368, 148.535
Yxy	50.9695, 0.2823, 0.4733
Android (android.graphics.Color)	4283160185 (0xFF4BD679)
YUV	161.8370, -20.1326, -76.1560
Hunter-Lab	71.3929, -48.9315, 28.1128

Details

The Hex color **4BD679** 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 **D64BA8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **8AFFAE**, and **009E47** is the 20% darker color. If you saturate the color by 10%, you get **36D66B**, and if you desaturate by 10%, it is **60D687**.

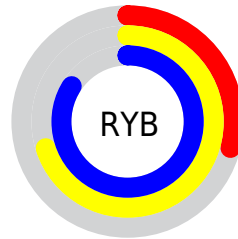
Distribution



Red (29%)

Green (84%)

Blue (47%)



Red (29%)

Yellow (70%)

Blue (84%)

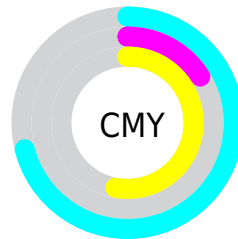


Cyan (65%)

Magenta (0%)

Yellow (43%)

Black (16%)



Cyan (71%)

Magenta (16%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BD679 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 4BD679 by changing the saturation by 10% instead.

 4BD679

 4BD679

FFFFFF

 24BA5F

 8AFFAE

 009E47

 A8FFCA

 00832E

 C6FFE7

 006915

 E4FFFF

 004F00

 003700

 001F00

 000000

 4BD679

 4BD679

 36D66B

 60D687

 20D65C

 76D696

 0BD64E

 8BD6A4

 00D647

 A1D6B2

 B6D6C1

 CBD6CF

 E1D6DD

 F6D6EC

 FFD6FA

Harmonies

Analogous

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



A3CB47



4BD679



00DBB8

Triad

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



4BD679



00C5FF



FF8B85

Complementary

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



4BD679



D64BA8

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.



FF84C3



4BD679



B9AEFF

Square

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



4BD679



00D4FF



FF94FF



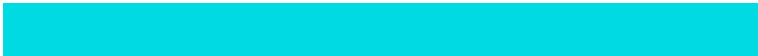
FFA152

Rectangle

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



4BD679



00DBE3



FF94FF



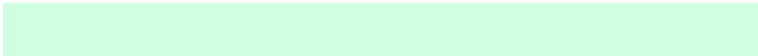
FF8699

Sweetspot

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



4BD679



CFFFDf



AAD64B



62806C



000000



808080

Same Dimension

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



4BD679



38FF7A



4BD6BD



606B64



00AB39



002B0E

Inverse Universe

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



D64BA8



FF38BD



D64B64



6B6068



AB0072



2B001D

Previews

White Background



This preview shows how the Hex color 4BD679 looks on a white background.

Color Contrast Check

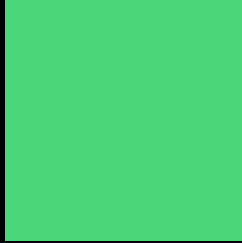
Large Text (above 18pt) WCAG AA × Fail

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 4BD679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

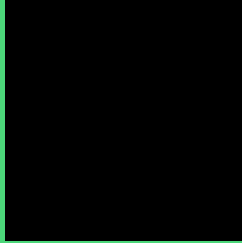
Any Text WCAG AA ✓ Pass

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 4BD679 Background



This preview shows how black text looks on a background with the Hex color 4BD679.

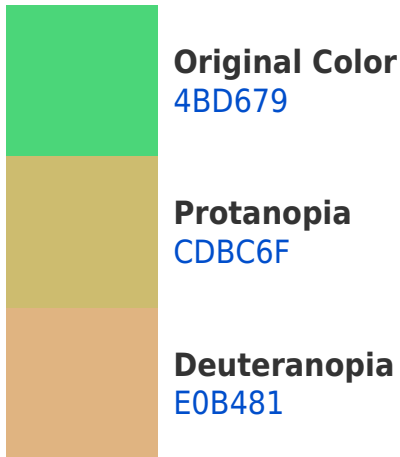


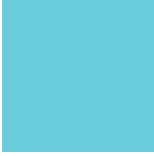
This preview shows how white text looks on a background with the Hex color 4BD679.

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
6ACBDB

Trichromacy



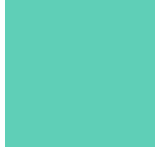
Original Color
4BD679



Protanomaly
9EC573



Deuteranomaly
AAC07E



Tritanomaly
5FCFB7

Monochromacy



Original Color
4BD679



Achromatopsia
A2A2A2



Achromatomaly
82B593

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BD679 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 #4BD679 looks like.

```
.text, #text, p{  
    color:#4BD679  
}
```

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 #4BD679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BD679
}
```

Border

The CSS property to change the border of an element to Hex 4BD679 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
#4BD679 }
```

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

```
.border{ border-color:#4BD679 }
```

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

Here you see how a box with a 4 pixel #4BD679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BD679; -webkit-box-shadow:4px 4px  
4px 4px #4BD679; box-shadow:4px 4px 4px  
4px #4BD679 }
```

Background

The CSS property to change the background color of an element to Hex 4BD679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BD679 }
```

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

```
.background{ background-color:#4BD679 }
```

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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