

# Converting Colors

Hex(4BD348)

Have a look what the booklet for  
Hex(4BD348) contains.

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# **Color**

**Hex(4BD348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BD348
RGB	75, 211, 72
RGB Percent	29%, 83%, 28%
CMY	0.7059, 0.1725, 0.7176
CMYK	0.64, 0.00, 0.66, 0.17
HSL	119°, 61%, 55%
HSV	119°, 66%, 83%
XYZ	27.3656, 48.5523, 14.0601
YIQ	154.4900, -36.4370, -72.0610

# Conversions

## Conversions Part 2

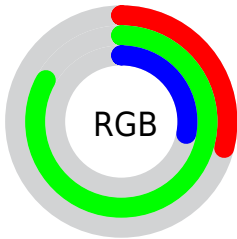
Format	Color
<a href="#">RYB</a>	<a href="#">72, 211, 208</a>
Decimal	<a href="#">4969288</a>
CIELab	<a href="#">75.17, -62.82, 56.10</a>
CIELCh	<a href="#">75, 84.227, 138.233</a>
Yxy	<a href="#">48.5523, 0.3041, 0.5396</a>
Android (android.graphics.Color)	<a href="#">4283159368 (0xFF4BD348)</a>
YUV	<a href="#">154.4900, -40.6676, -69.7127</a>
Hunter-Lab	<a href="#">69.6795, -51.8357, 36.8119</a>

# Details

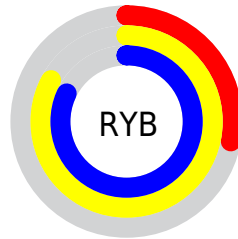
The Hex color **4BD348** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D048D3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8BFF7E**, and **009B05** is the 20% darker color. If you saturate the color by 10%, you get **36D333**, and if you desaturate by 10%, it is **60D35D**.

# Distribution



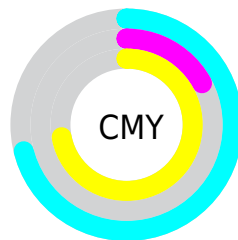
- Red (29%)
- Green (83%)
- Blue (28%)



- Red (28%)
- Yellow (83%)
- Blue (82%)



- Cyan (64%)
- Magenta (0%)
- Yellow (66%)
- Black (17%)



- Cyan (71%)
- Magenta (17%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BD348 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 4BD348 by changing the saturation by 10% instead.



 4BD348

 4BD348

FFFFFF

 22B72C

 8BFF7E

 009B05

 A9FF9A

 008000

 C7FFB6

 006600

 E5FFD2

 004C00

 FFFFEF

 003500

 001B00

 000000

 4BD348

 4BD348

 36D333

 60D35D

 22D31E

 74D372

 0DD309

 89D387

 05D300

 9ED39C

 B2D3B2

 C7D3C7

 DCD3DC

 F0D3F1

 FFD3FF

# Harmonies

## Analogous

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



B0C400



4BD348



00DB97

# Triad

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



4BD348



00CBFF



FF6A8D

# Complementary

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



4BD348



D048D3

# 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.



FF6CDB



4BD348



71B2FF

# Square

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



4BD348



00D8FF



F78DFF



FF8945

# Rectangle

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



4BD348



00DDCD



F78DFF



FF66A7

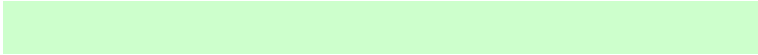


# Sweetspot

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



4BD348



CDFECC



D3CE48



628061



000000



808080



# Same Dimension

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



4BD348



3AFF36



48D389



5E695E



04A800



012900



# Inverse Universe

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



D048D3



FB36FF



D34892



685E69



A500A8

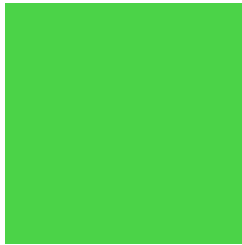


280029



# Previews

## White Background



This preview shows how the Hex color 4BD348 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 4BD348 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 4BD348 Background



This preview shows how black text looks on a background with the Hex color 4BD348.

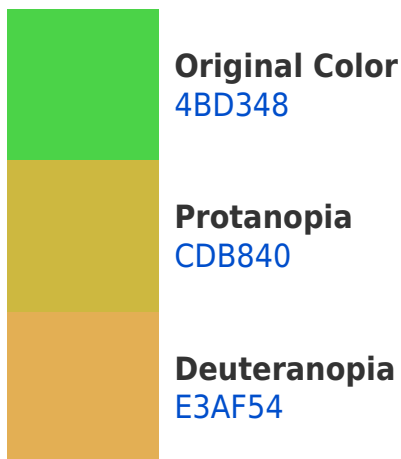


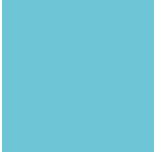
This preview shows how white text looks on a background with the Hex color 4BD348.

# 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](#).

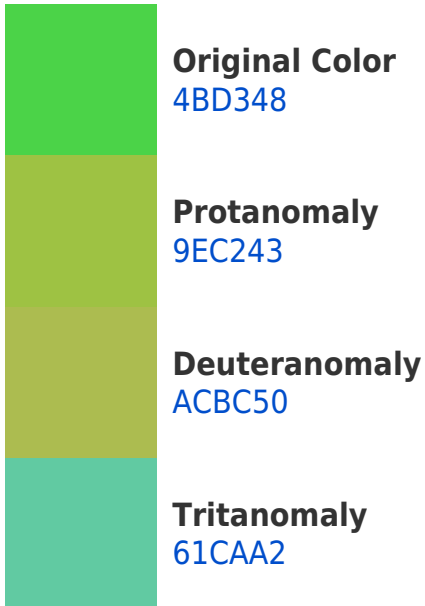
## Dichromacy



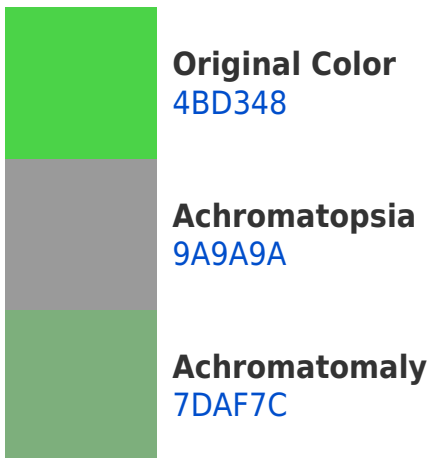


**Tritanopia**  
6EC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BD348 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 #4BD348 looks like.

```
.text, #text, p{  
    color:#4BD348  
}
```

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 #4BD348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BD348
}
```

## Border

The CSS property to change the border of an element to Hex 4BD348 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
#4BD348 }
```

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

```
.border{ border-color:#4BD348 }
```

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

Here you see how a box with a 4 pixel #4BD348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BD348; -webkit-box-shadow:4px 4px  
4px 4px #4BD348; box-shadow:4px 4px 4px  
4px #4BD348 }
```

# Background

The CSS property to change the background color of an element to Hex 4BD348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BD348 }
```

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

```
.background{ background-color:#4BD348 }
```

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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