

# Converting Colors

Hex(4CB859)

Have a look what the booklet for  
Hex(4CB859) contains.

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**Color**

**Hex(4CB859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CB859
RGB	76, 184, 89
RGB Percent	30%, 72%, 35%
CMY	0.7020, 0.2784, 0.6510
CMYK	0.59, 0.00, 0.52, 0.28
HSL	127°, 43%, 51%
HSV	127°, 59%, 72%
XYZ	21.9242, 36.5387, 15.3484
YIQ	140.8780, -33.8730, -52.4410

# Conversions

## Conversions Part 2

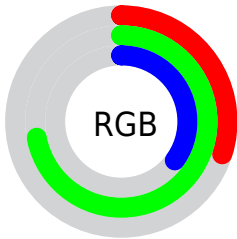
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">76, 172, 184</a>
Decimal	<a href="#">5027929</a>
CIELab	<a href="#">66.93, -50.81, 38.89</a>
CIELCh	<a href="#">67, 63.990, 142.568</a>
Yxy	<a href="#">36.5387, 0.2970, 0.4950</a>
Android (android.graphics.Color)	<a href="#">4283218009 (0xFF4CB859)</a>
YUV	<a href="#">140.8780, -25.5759, -56.8980</a>
Hunter-Lab	<a href="#">60.4473, -41.0410, 27.2586</a>

# Details

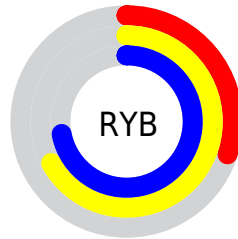
The Hex color **4CB859** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B84CAB**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **86F18D**, and **008227** is the 20% darker color. If you saturate the color by 10%, you get **3AB849**, and if you desaturate by 10%, it is **5EB869**.

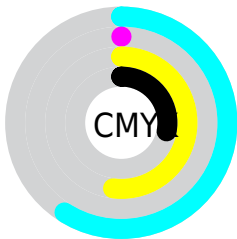
# Distribution



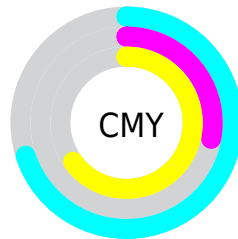
- Red (30%)
- Green (72%)
- Blue (35%)



- Red (30%)
- Yellow (67%)
- Blue (72%)



- Cyan (59%)
- Magenta (0%)
- Yellow (52%)
- Black (28%)



- Cyan (70%)
- Magenta (28%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CB859 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 4CB859 by changing the saturation by 10% instead.



 4CB859

 4CB859

FFFFFF

 2B9D40

 86F18D

 008227

 A3FFA8

 00680C

 C0FFC4

 004F00

 DEFFE0

 003700

 FBFFFD

 002000

 000000

 4CB859

 4CB859

 3AB849

 5EB869

 27B839

 71B879

 15B828

 83B88A

 02B818

 96B89A

 00B816

 A8B8AA

 BAB8BA

 CDB8CA

 DFB8DA

 F2B8EB

# Harmonies

## Analogous

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



97AD2D



4CB859



00BE92

# Triad

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



4CB859



00AEFF



FF707A

# Complementary

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



4CB859



B84CAB

# 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.



FF6EB4



4CB859



899AFF

# Square

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



4CB859



00BAFD



DB81EA



F68448

# Rectangle

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



4CB859



00BFBA



DB81EA



FF6D8D

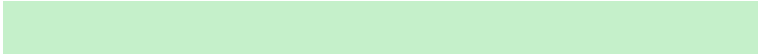


# Sweetspot

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



4CB859



C5F0CA



ABB84C



5D7861



F7F7F7



787878



# Same Dimension

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



4CB859



48F05C



4CB88F



535C54



009C13



001C03



# Inverse Universe

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



B84CAB



F048DC



B84C75



5C535B



9C0089



1C0019



# Previews

## White Background



This preview shows how the Hex color 4CB859 looks on a white background.

## Color Contrast Check

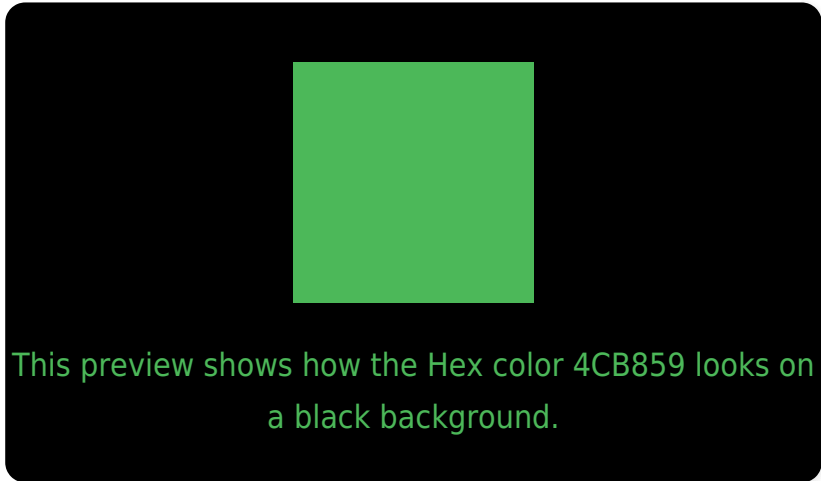
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

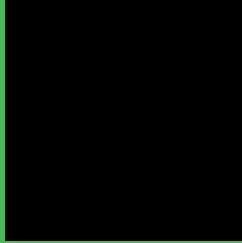
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CB859 Background



This preview shows how black text looks on a background with the Hex color 4CB859.

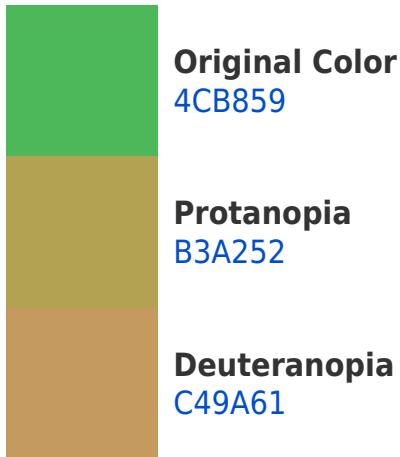


This preview shows how white text looks on a background with the Hex color 4CB859.

# 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





# Trichromacy



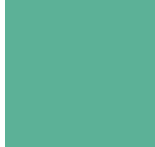
**Original Color**  
4CB859



**Protanomaly**  
8EAA55



**Deuteranomaly**  
98A55E



**Tritanomaly**  
5CB197

# Monochromacy



**Original Color**  
4CB859



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
759D7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CB859 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 #4CB859 looks like.

```
.text, #text, p{  
    color:#4CB859  
}
```

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 #4CB859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB859
}
```

## Border

The CSS property to change the border of an element to Hex 4CB859 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
#4CB859 }
```

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

```
.border{ border-color:#4CB859 }
```

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

Here you see how a box with a 4 pixel #4CB859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB859; -webkit-box-shadow:4px 4px  
4px 4px #4CB859; box-shadow:4px 4px 4px  
4px #4CB859 }
```

# Background

The CSS property to change the background color of an element to Hex 4CB859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB859 }
```

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

```
.background{ background-color:#4CB859 }
```

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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