

# Converting Colors

Hex(4CBE65)

Have a look what the booklet for  
Hex(4CBE65) contains.

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**Color**

**Hex(4CBE65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CBE65
RGB	76, 190, 101
RGB Percent	30%, 75%, 40%
CMY	0.7020, 0.2549, 0.6039
CMYK	0.60, 0.00, 0.47, 0.25
HSL	133°, 47%, 52%
HSV	133°, 60%, 75%
XYZ	23.7429, 39.3030, 18.6468
YIQ	145.7680, -39.3750, -51.8470

# Conversions

## Conversions Part 2

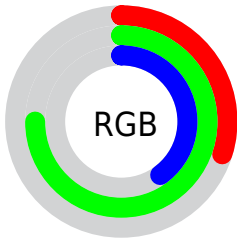
Format	Color
<a href="#">RYB</a>	<a href="#">76, 169, 190</a>
Decimal	<a href="#">5029477</a>
CIELab	<a href="#">68.97, -51.35, 35.44</a>
CIELCh	<a href="#">69, 62.393, 145.394</a>
Yxy	<a href="#">39.3030, 0.2906, 0.4811</a>
Android (android.graphics.Color)	<a href="#">4283219557 (0xFF4CBE65)</a>
YUV	<a href="#">145.7680, -22.0706, -61.1865</a>
Hunter-Lab	<a href="#">62.6921, -42.1092, 26.2496</a>

# Details

The Hex color **4CBE65** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BE4CA5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **87F799**, and **008734** is the 20% darker color. If you saturate the color by 10%, you get **39BE56**, and if you desaturate by 10%, it is **5FBE74**.

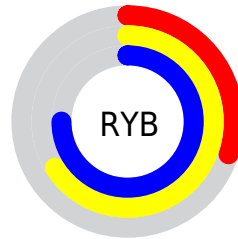
# Distribution



Red (30%)

Green (75%)

Blue (40%)



Red (30%)

Yellow (66%)

Blue (75%)

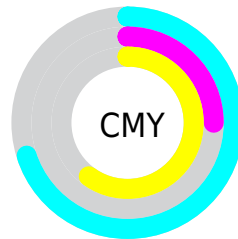


Cyan (60%)

Magenta (0%)

Yellow (47%)

Black (25%)



Cyan (70%)

Magenta (25%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CBE65 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 4CBE65 by changing the saturation by 10% instead.



 4CBE65

 4CBE65

FFFFFF

 2BA24C

 87F799

 008734

 A4FFB4

 006D1B

 C1FFD0

 005400

 DFFFFD

 003B00

 FDFFFF

 002500

 000000

 4CBE65

 4CBE65

 39BE56

 5FBE74

 26BE47

 72BE83

 13BE39

 85BE92

 00BE2A

 98BEA0

 ABBEAF

 BEBEBE

 D1BECD

 E4BEDC

 F7BEEB

# Harmonies

## Analogous

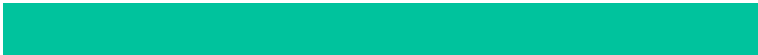
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97B33A



4CBE65



00C39D

# Triad

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



4CBE65



00B1FF



FF797B

# Complementary

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



4CBE65



BE4CA5

# 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.



FF75B3



4CBE65



9A9DFF

# Square

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



4CBE65



00BEFF



E585E9



F88D4B

# Rectangle

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



4CBE65



00C4C5



E585E9



FF758D

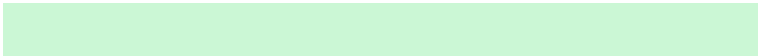


# Sweetspot

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



4CBE65



CBF7D5



A5BE4C



617D67



FCFCFC



7D7D7D



# Same Dimension

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



4CBE65



45F76C



4CBE9E



555E57



009E23



001F07



# Inverse Universe

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



BE4CA5



F745D0



BE4C6C



5E555C



9E007B



1F0018



# Previews

## White Background



This preview shows how the Hex color 4CBE65 looks on a white background.

## Color Contrast Check

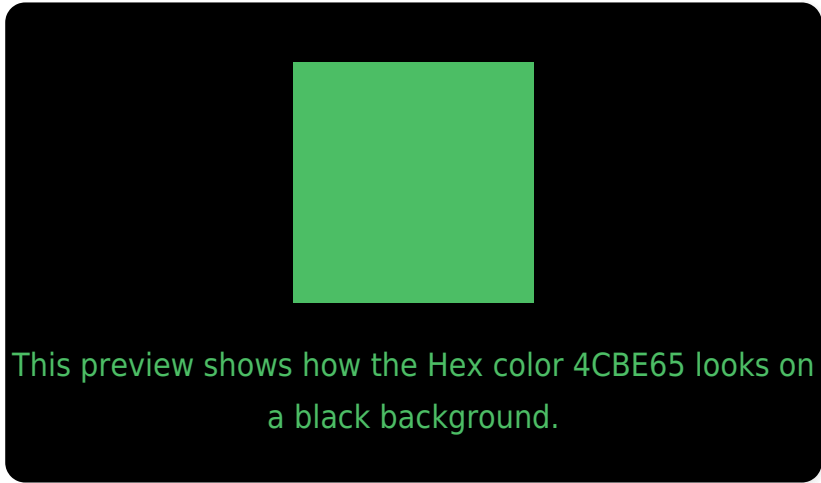
Large Text (above 18pt) WCAG AA × Fail

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

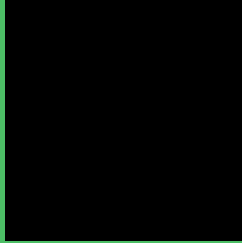
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CBE65 Background



This preview shows how black text looks on a background with the Hex color 4CBE65.

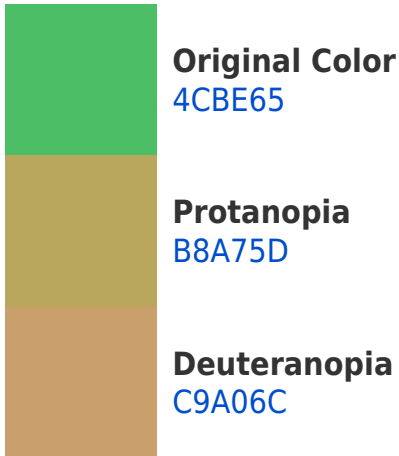


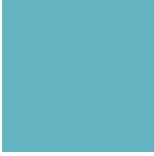
This preview shows how white text looks on a background with the Hex color 4CBE65.

# 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](#).

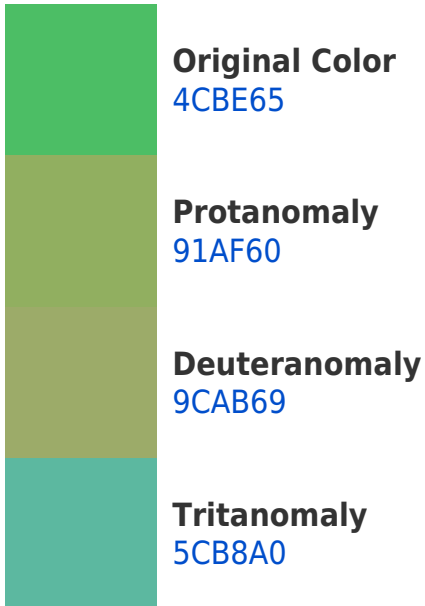
## Dichromacy



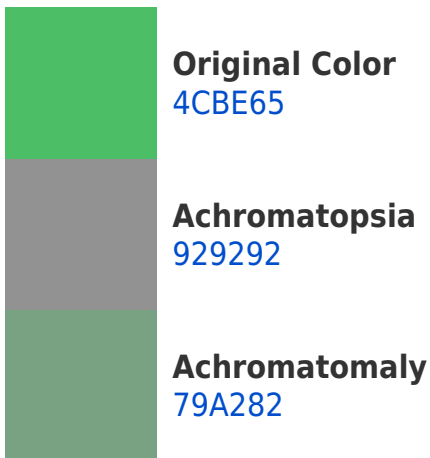


**Tritanopia**  
65B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CBE65 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 #4CBE65 looks like.

```
.text, #text, p{  
    color:#4CBE65  
}
```

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 #4CBE65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CBE65
}
```

## Border

The CSS property to change the border of an element to Hex 4CBE65 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
#4CBE65 }
```

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

```
.border{ border-color:#4CBE65 }
```

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

Here you see how a box with a 4 pixel #4CBE65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CBE65; -webkit-box-shadow:4px 4px  
4px 4px #4CBE65; box-shadow:4px 4px 4px  
4px #4CBE65 }
```

# Background

The CSS property to change the background color of an element to Hex 4CBE65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CBE65 }
```

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

```
.background{ background-color:#4CBE65 }
```

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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