

# Converting Colors

Hex(4DC563)

Have a look what the booklet for  
Hex(4DC563) contains.

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# **Color**

**Hex(4DC563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DC563
RGB	77, 197, 99
RGB Percent	30%, 77%, 39%
CMY	0.6980, 0.2275, 0.6118
CMYK	0.61, 0.00, 0.50, 0.23
HSL	131°, 51%, 54%
HSV	131°, 61%, 77%
XYZ	25.2790, 42.4111, 18.6582
YIQ	149.9480, -40.0620, -55.9180

# Conversions

## Conversions Part 2

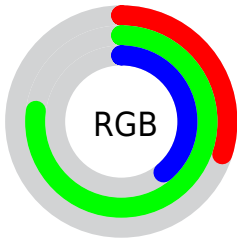
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 178, 197
Decimal	5096803
CIELab	71.15, -54.12, 39.18
CIElCh	71, 66.808, 144.097
Yxy	42.4111, 0.2928, 0.4912
Android (android.graphics.Color)	4283286883 (0xFF4DC563)
YUV	149.9480, -25.1174, -63.9754
Hunter-Lab	65.1238, -44.6788, 28.5999

# Details

The Hex color **4DC563** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C54DAF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **89FF97**, and **008E31** is the 20% darker color. If you saturate the color by 10%, you get **39C553**, and if you desaturate by 10%, it is **61C573**.

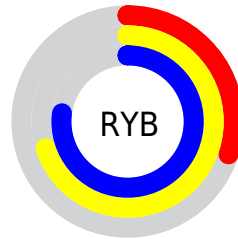
# Distribution



Red (30%)

Green (77%)

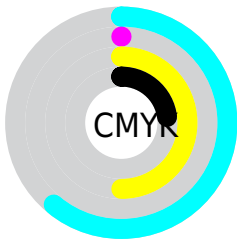
Blue (39%)



Red (30%)

Yellow (70%)

Blue (77%)

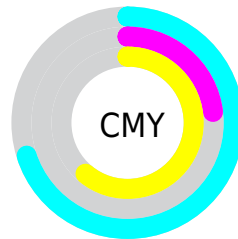


Cyan (61%)

Magenta (0%)

Yellow (50%)

Black (23%)



Cyan (70%)

Magenta (23%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DC563 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 4DC563 by changing the saturation by 10% instead.



 4DC563

 4DC563

FFFFFF

 2AA94A

 89FF97

 008E31

 A6FFB3

 007417

 C4FFCF

 005A00

 E1FFEB

 004100

 002B00

 000800

 000000

 4DC563

 4DC563

 39C553

 61C573

 26C543

 74C583

 12C533

 88C593

 00C524

 9CC5A3

 B0C5B3

 C3C5C4

 D7C5D4

 EBC5E4

 FEC5F4

# Harmonies

## Analogous

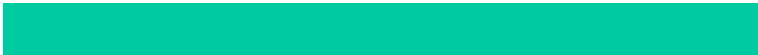
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EB934



4DC563



00CBA0

# Triad

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



4DC563



00B9FF



FF7980

# Complementary

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



4DC563



C54DAF

# 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.



FF76BD



4DC563



99A3FF

# Square

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



4DC563



00C6FF



EC89F6



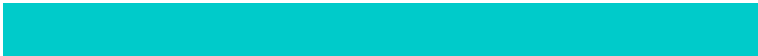
FF8F4C

# Rectangle

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



4DC563



00CBCA



EC89F6



FF7694

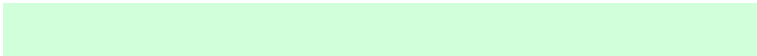


# Sweetspot

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



4DC563



D1FFDA



AFC54D



638069



000000



808080



# Same Dimension

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



4DC563



45FF67



4DC59F



5A635B



00A31E



002407



# Inverse Universe

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



C54DAF



FF45DD



C54D73



635A62



A30085



24001D



# Previews

## White Background



This preview shows how the Hex color 4DC563 looks on a white background.

## Color Contrast Check

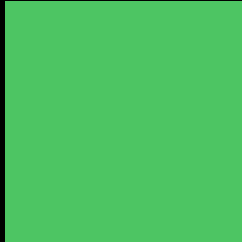
Large Text (above 18pt) WCAG AA × Fail

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 4DC563 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

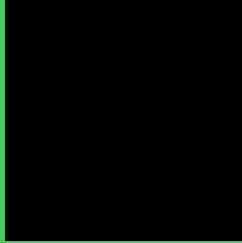
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DC563 Background



This preview shows how black text looks on a background with the Hex color 4DC563.

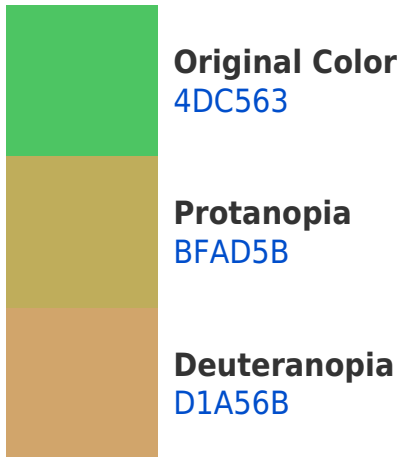


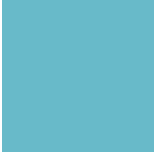
This preview shows how white text looks on a background with the Hex color 4DC563.

# 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**  
68BAC9

# Trichromacy



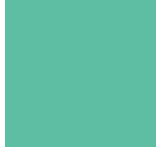
**Original Color**  
4DC563



**Protanomaly**  
96B65E



**Deuteranomaly**  
A1B168



**Tritanomaly**  
5EBEA4

# Monochromacy



**Original Color**  
4DC563



**Achromatopsia**  
969696



**Achromatomaly**  
7BA783

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DC563 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 #4DC563 looks like.

```
.text, #text, p{  
    color:#4DC563  
}
```

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 #4DC563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC563
}
```

## Border

The CSS property to change the border of an element to Hex 4DC563 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
#4DC563 }
```

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

```
.border{ border-color:#4DC563 }
```

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

Here you see how a box with a 4 pixel #4DC563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC563; -webkit-box-shadow:4px 4px  
4px 4px #4DC563; box-shadow:4px 4px 4px  
4px #4DC563 }
```

# Background

The CSS property to change the background color of an element to Hex 4DC563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC563 }
```

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

```
.background{ background-color:#4DC563 }
```

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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