

# Converting Colors

Hex(4DB051)

Have a look what the booklet for  
Hex(4DB051) contains.

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**Color**

**Hex(4DB051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DB051
RGB	77, 176, 81
RGB Percent	30%, 69%, 32%
CMY	0.6980, 0.3098, 0.6824
CMYK	0.56, 0.00, 0.54, 0.31
HSL	122°, 39%, 50%
HSV	122°, 56%, 69%
XYZ	20.0711, 33.2225, 13.1393
YIQ	135.5690, -28.5090, -50.5330

# Conversions

## Conversions Part 2

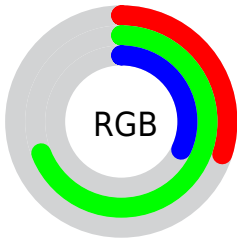
Format	Color
<a href="#">RYB</a>	<a href="#">77, 172, 176</a>
Decimal	<a href="#">5091409</a>
CIELab	<a href="#">64.34, -48.55, 39.69</a>
CIELCh	<a href="#">64, 62.705, 140.736</a>
Yxy	<a href="#">33.2225, 0.3021, 0.5001</a>
Android (android.graphics.Color)	<a href="#">4283281489 (0xFF4DB051)</a>
YUV	<a href="#">135.5690, -26.9025, -51.3650</a>
Hunter-Lab	<a href="#">57.6390, -38.7108, 26.8316</a>

# Details

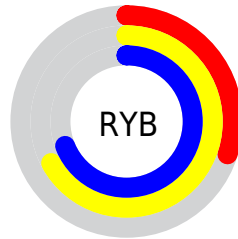
The Hex color **4DB051** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **B04DAC**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **86E885**, and **007A1F** is the 20% darker color. If you saturate the color by 10%, you get **3BB040**, and if you desaturate by 10%, it is **5FB062**.

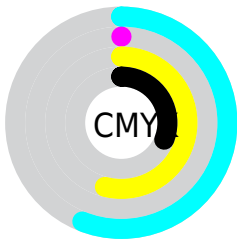
# Distribution



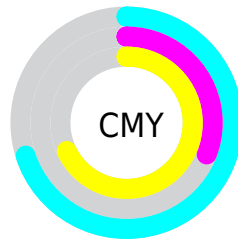
- Red (30%)
- Green (69%)
- Blue (32%)



- Red (30%)
- Yellow (67%)
- Blue (69%)



- Cyan (56%)
- Magenta (0%)
- Yellow (54%)
- Black (31%)



- Cyan (70%)
- Magenta (31%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DB051 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 4DB051 by changing the saturation by 10% instead.



 4DB051

 4DB051

FFFFFF

 2E9538

 86E885

 007A1F

 A3FF9F

 006101

 BFFFBB

 004800

 DDDFD7

 003100

 FAFFF4

 001800

 000000

 4DB051

 4DB051

 3BB040

 5FB062

 2AB02F

 70B073

 18B01E

 82B084

 07B00D

 93B095

 00B007

 A5B0A5

 B7B0B6

 C8B0C7

 DAB0D8

 EBB0E9

# Harmonies

## Analogous

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



93A527



4DB051



00B688

# Triad

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



4DB051



00A7FF



FF6A78

# Complementary

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



4DB051



B04DAC

# 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.



F869B0



4DB051



7C94FF

# Square

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



4DB051



00B2F2



CF7CE4



EE7D46

# Rectangle

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



4DB051



00B7AF



CF7CE4



FF678A



# Sweetspot

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



4DB051



BEE6C0



ADB04D



5C735D



F2F2F2



737373



# Same Dimension

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



4DB051



49E650



4DB082



505951



009906



001A01



# Inverse Universe

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



B04DAC



E649DF



B04D7B



595059



990093



1A0018



# Previews

## White Background



This preview shows how the Hex color 4DB051 looks on a white background.

## Color Contrast Check

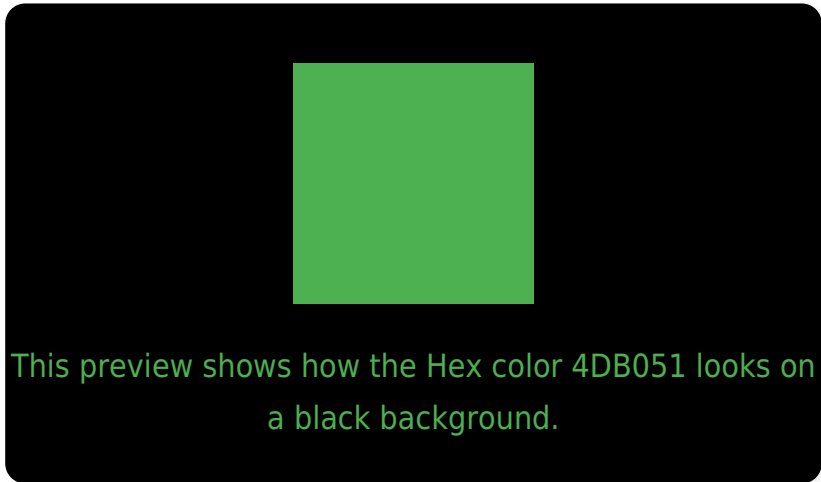
Large Text (above 18pt) WCAG AA × Fail

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 4DB051 Background



This preview shows how black text looks on a background with the Hex color 4DB051.

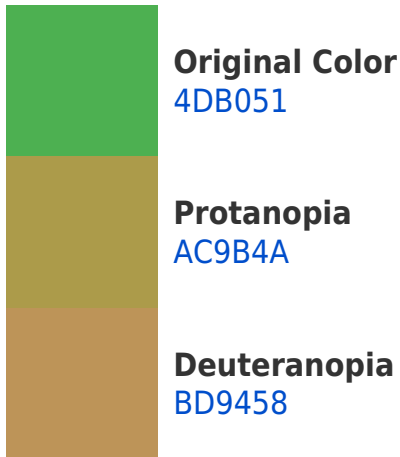


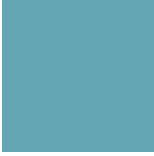
This preview shows how white text looks on a background with the Hex color 4DB051.

# 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](#).

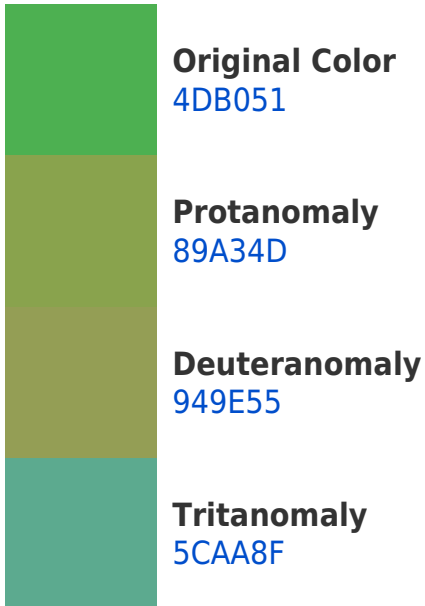
## Dichromacy





**Tritanopia**  
64A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DB051 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 #4DB051 looks like.

```
.text, #text, p{  
    color:#4DB051  
}
```

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 #4DB051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB051
}
```

## Border

The CSS property to change the border of an element to Hex 4DB051 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
#4DB051 }
```

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

```
.border{ border-color:#4DB051 }
```

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

Here you see how a box with a 4 pixel #4DB051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB051; -webkit-box-shadow:4px 4px  
4px 4px #4DB051; box-shadow:4px 4px 4px  
4px #4DB051 }
```

# Background

The CSS property to change the background color of an element to Hex 4DB051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB051 }
```

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

```
.background{ background-color:#4DB051 }
```

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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