

Converting Colors

Hex(50D469)

Have a look what the booklet for
Hex(50D469) contains.

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Color

Hex(50D469)

Conversions

Conversions Part 1

Format	Color
Hex	50D469
RGB	80, 212, 105
RGB Percent	31%, 83%, 41%
CMY	0.6863, 0.1686, 0.5882
CMYK	0.62, 0.00, 0.50, 0.17
HSL	131°, 61%, 57%
HSV	131°, 62%, 83%
XYZ	29.4016, 49.8124, 21.4297
YIQ	160.3340, -44.3250, -61.2610

Conversions

Conversions Part 2

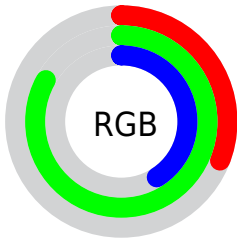
Format	Color
RYB	80, 191, 212
Decimal	5297257
CIELab	75.95, -58.20, 42.20
CIElCh	76, 71.892, 144.051
Yxy	49.8124, 0.2921, 0.4949
Android (android.graphics.Color)	4283487337 (0xFF50D469)
YUV	160.3340, -27.2797, -70.4529
Hunter-Lab	70.5779, -49.1512, 31.4021

Details

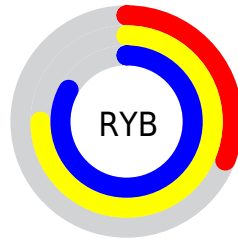
The Hex color **50D469** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D450BB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8DFF9E**, and **009C36** is the 20% darker color. If you saturate the color by 10%, you get **3BD458**, and if you desaturate by 10%, it is **65D47A**.

Distribution



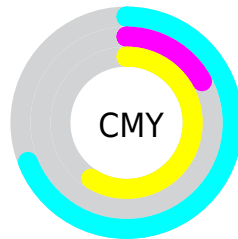
- Red (31%)
- Green (83%)
- Blue (41%)



- Red (31%)
- Yellow (75%)
- Blue (83%)



- Cyan (62%)
- Magenta (0%)
- Yellow (50%)
- Black (17%)



- Cyan (69%)
- Magenta (17%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50D469 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 50D469 by changing the saturation by 10% instead.

 50D469

 50D469

FFFFFF

 2CB84F

 8DFF9E

 009C36

 ABFFBA

 00811C

 C9FFD6

 006700

 E7FFF3

 004E00

 003600

 001D00

 000000

 50D469

 50D469

 3BD458

 65D47A

 26D447

 7AD48B

 10D435

 90D49D

 00D428

 A5D4AE

 BAD4BF

 CFD4D0

 E4D4E1

 FAD4F2

 FFD4FF

Harmonies

Analogous

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



A9C834



50D469



00DAAB

Triad

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



50D469



00C7FF



FF8189

Complementary

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



50D469



D450BB

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.



FF7DCB



50D469



A4AFFF

Square

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



50D469



00D5FF



FF92FF



FF9950

Rectangle

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



50D469



00DBD9



FF92FF



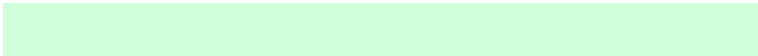
FF7D9F

Sweetspot

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



50D469



CFFFD8



BCD450



628068



000000



808080

Same Dimension

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



50D469



40FF64



50D4AA



606B62



00AB20



002B08

Inverse Universe

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



D450BB



FF40DB



D4507A



6B6069



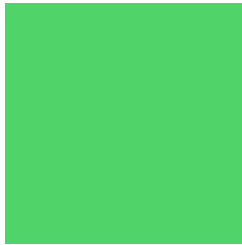
AB008A



2B0023

Previews

White Background



This preview shows how the Hex color 50D469 looks on a white background.

Color Contrast Check

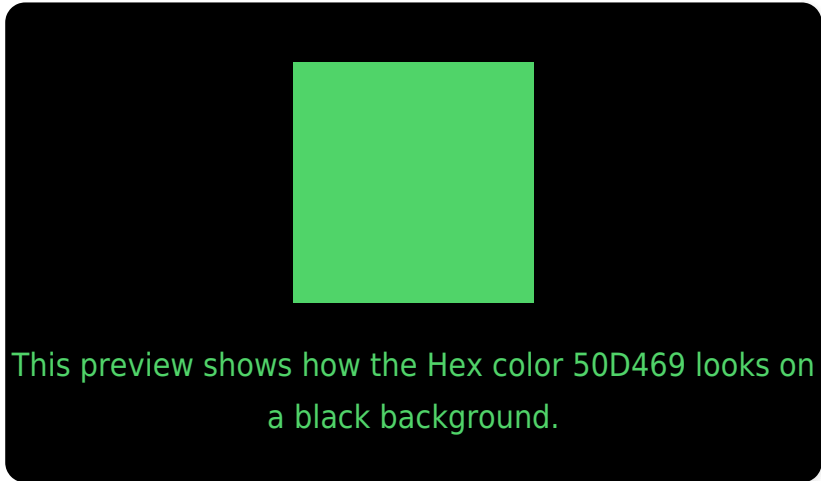
Large Text (above 18pt) WCAG AA × Fail

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

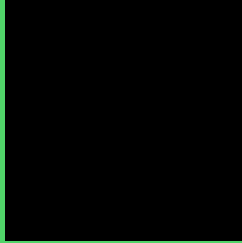
Any Text WCAG AA ✓ Pass

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 50D469 Background



This preview shows how black text looks on a background with the Hex color 50D469.

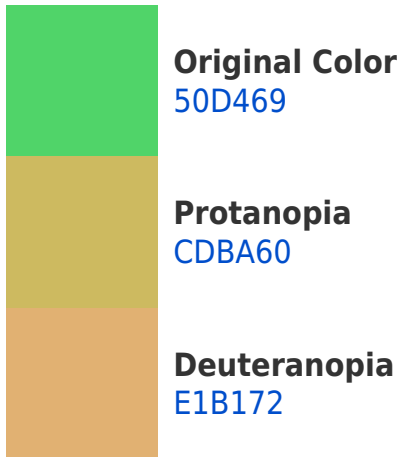


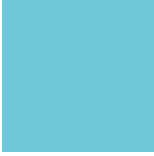
This preview shows how white text looks on a background with the Hex color 50D469.

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
6FC8D8

Trichromacy



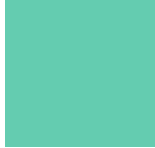
Original Color
50D469



Protanomaly
A0C363



Deuteranomaly
ACBE6F



Tritanomaly
64CCB0

Monochromacy



Original Color
50D469



Achromatopsia
A0A0A0



Achromatomaly
83B38C

CSS Examples

Text

The CSS property to change the color of the text to Hex 50D469 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 #50D469 looks like.

```
.text, #text, p{  
    color:#50D469  
}
```

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 #50D469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50D469
}
```

Border

The CSS property to change the border of an element to Hex 50D469 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
#50D469 }
```

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

```
.border{ border-color:#50D469 }
```

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

Here you see how a box with a 4 pixel #50D469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50D469; -webkit-box-shadow:4px 4px  
4px 4px #50D469; box-shadow:4px 4px 4px  
4px #50D469 }
```

Background

The CSS property to change the background color of an element to Hex 50D469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50D469 }
```

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

```
.background{ background-color:#50D469 }
```

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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