

# Converting Colors

Hex(50D43C)

Have a look what the booklet for  
Hex(50D43C) contains.

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# Color

Hex(50D43C)

# Conversions

## Conversions Part 1

Format	Color
Hex	50D43C
RGB	80, 212, 60
RGB Percent	31%, 83%, 24%
CMY	0.6863, 0.1686, 0.7647
CMYK	0.62, 0.00, 0.72, 0.17
HSL	112°, 64%, 53%
HSV	112°, 72%, 83%
XYZ	27.6674, 49.1187, 12.2976
YIQ	155.2040, -29.8800, -75.2560

# Conversions

## Conversions Part 2

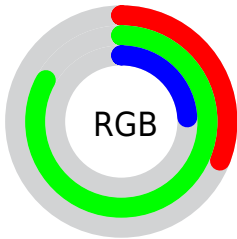
Format	Color
<a href="#">RYB</a>	<a href="#">60, 212, 192</a>
Decimal	<a href="#">5297212</a>
CIELab	<a href="#">75.53, -63.13, 61.13</a>
CIELCh	<a href="#">76, 87.877, 135.926</a>
Yxy	<a href="#">49.1187, 0.3106, 0.5514</a>
Android (android.graphics.Color)	<a href="#">4283487292 (0xFF50D43C)</a>
YUV	<a href="#">155.2040, -46.9356, -65.9539</a>
Hunter-Lab	<a href="#">70.0847, -52.1818, 38.6558</a>

# Details

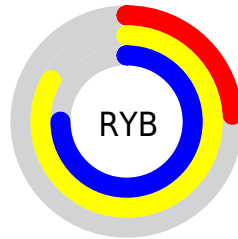
The Hex color **50D43C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C03CD4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8FFF74**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **3ED427**, and if you desaturate by 10%, it is **62D451**.

# Distribution



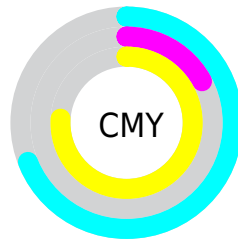
- Red (31%)
- Green (83%)
- Blue (24%)



- Red (24%)
- Yellow (83%)
- Blue (75%)



- Cyan (62%)
- Magenta (0%)
- Yellow (72%)
- Black (17%)



- Cyan (69%)
- Magenta (17%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50D43C 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 50D43C by changing the saturation by 10% instead.



 50D43C

 50D43C

FFFFFF

 29B81C

 8FFF74

 009C00

 ADF90

 008100

 CCFFAC

 006700

 EAFFC8

 004D00

 FFFFE5

 003600

 001C00

 000000

 50D43C

 50D43C

 3ED427

 62D451

 2BD412

 75D466

 1CD400

 87D47C

 9AD491

 ACD4A6

 BED4BB

 D1D4D0

 E3D4E6

 F6D4FB

# Harmonies

## Analogous

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



B6C400



50D43C



00DC90

# Triad

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



50D43C



00CEFF



FF6393

# Complementary

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



50D43C



C03CD4

# 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.



FF69E4



50D43C



53B5FF

# Square

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



50D43C



00DBFF



F38FFF



FF8446

# Rectangle

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



50D43C



00DFC8



F38FFF



FF5FAD

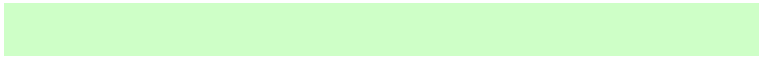


# Sweetspot

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



50D43C



CEFFC7



D4C03C



63805E



000000



808080



# Same Dimension

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



50D43C



41FF24



3CD474



626B60



16AB00



062B00



# Inverse Universe

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



C03CD4



E224FF



D43C9C



6A606B



9400AB

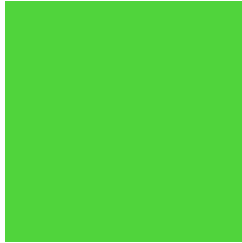


26002B



# Previews

## White Background



This preview shows how the Hex color 50D43C 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 50D43C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

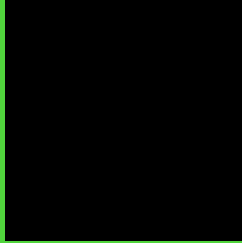
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 50D43C Background



This preview shows how black text looks on a background with the Hex color 50D43C.

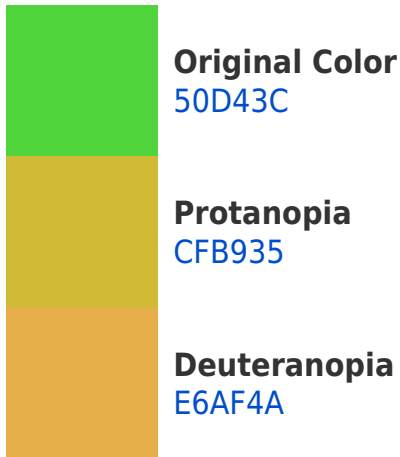


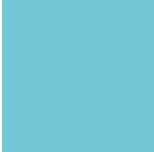
This preview shows how white text looks on a background with the Hex color 50D43C.

# 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**  
72C6D6

# Trichromacy



**Original Color**  
50D43C



**Protanomaly**  
A1C338



**Deuteranomaly**  
AFBC45



**Tritanomaly**  
66CB9E

# Monochromacy



**Original Color**  
50D43C



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
80B078

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50D43C 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 #50D43C looks like.

```
.text, #text, p{  
    color:#50D43C  
}
```

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 #50D43C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50D43C
}
```

## Border

The CSS property to change the border of an element to Hex 50D43C 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
#50D43C }
```

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

```
.border{ border-color:#50D43C }
```

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

Here you see how a box with a 4 pixel #50D43C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50D43C; -webkit-box-shadow:4px 4px  
4px 4px #50D43C; box-shadow:4px 4px 4px  
4px #50D43C }
```

# Background

The CSS property to change the background color of an element to Hex 50D43C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50D43C }
```

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

```
.background{ background-color:#50D43C }
```

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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