

# Converting Colors

Hex(5DB541)

Have a look what the booklet for  
Hex(5DB541) contains.

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**Color**

**Hex(5DB541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DB541
RGB	93, 181, 65
RGB Percent	36%, 71%, 25%
CMY	0.6353, 0.2902, 0.7451
CMYK	0.49, 0.00, 0.64, 0.29
HSL	106°, 47%, 48%
HSV	106°, 64%, 71%
XYZ	21.9922, 35.7566, 10.7436
YIQ	141.4640, -15.2120, -54.7320

# Conversions

## Conversions Part 2

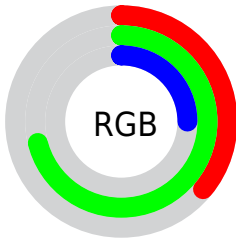
Format	Color
<a href="#">RYB</a>	<a href="#">65, 181, 153</a>
Decimal	<a href="#">6141249</a>
CIELab	<a href="#">66.33, -47.93, 49.54</a>
CIELCh	<a href="#">66, 68.926, 134.054</a>
Yxy	<a href="#">35.7566, 0.3211, 0.5221</a>
Android (android.graphics.Color)	<a href="#">4284331329 (0xFF5DB541)</a>
YUV	<a href="#">141.4640, -37.6968, -42.5029</a>
Hunter-Lab	<a href="#">59.7968, -38.9952, 31.2052</a>

# Details

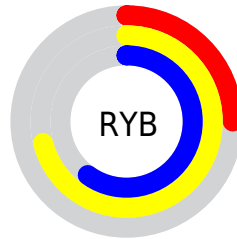
The Hex color **5DB541** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9941B5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **96EE76**, and **1F7F03** is the 20% darker color. If you saturate the color by 10%, you get **4FB52F**, and if you desaturate by 10%, it is **6BB553**.

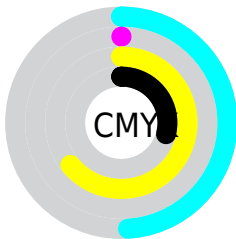
# Distribution



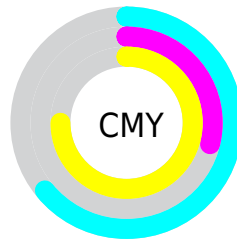
- Red (36%)
- Green (71%)
- Blue (25%)



- Red (25%)
- Yellow (71%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (64%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DB541 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 5DB541 by changing the saturation by 10% instead.



 5DB541

 5DB541

FFFFFF

 409A26

 96EE76

 1F7F03

 B2FF90

 006500

 CFFFAC

 004C00

 EDFFC8

 003500

 FFFF E5

 001E00

 000000

 5DB541

 5DB541

 4FB52F

 6BB553

■ 42B51D

■ 78B565

■ 34B50B

■ 86B577

■ 2CB500

■ 94B589

■ A2B59C

■ AFB5AE

■ BDB5C0

■ CBB5D2

■ D9B5E4

# Harmonies

## Analogous

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



A5A70E



5DB541



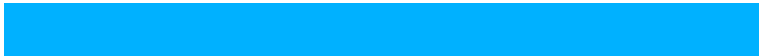
00BC7D

# Triad

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



5DB541



00B1FF



FF6587

# Complementary

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



5DB541



9941B5

# 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.



FF6AC5



5DB541



589EFF

# Square

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



5DB541



00BBF6



C984FB



FF784D

# Rectangle

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



5DB541



00BEA8



C984FB



FF639B



# Sweetspot

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



5DB541



C9EBBE



B59841



61755A



F5F5F5



757575



# Same Dimension

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



5DB541



62EB36



41B55E



525950



259900



061A00



# Inverse Universe

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



9941B5



BF36EB



B54198



575059



740099



13001A



# Previews

## White Background



This preview shows how the Hex color 5DB541 looks on a white background.

## Color Contrast Check

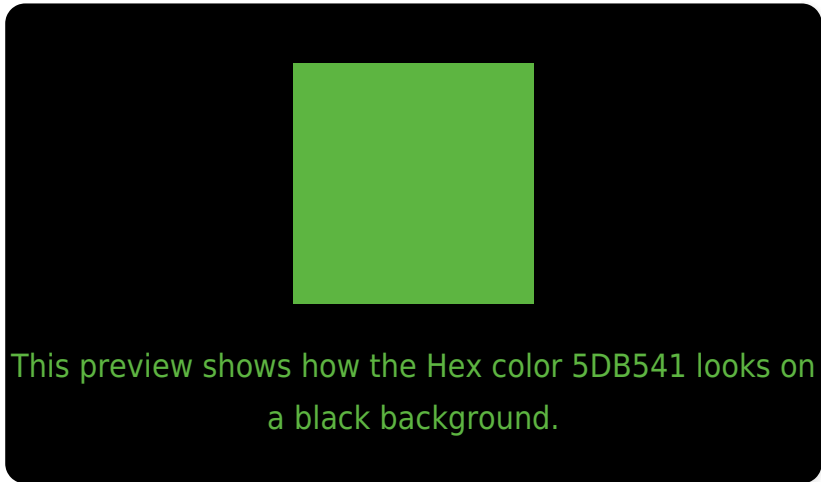
Large Text (above 18pt) WCAG AA × Fail

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 5DB541 Background



This preview shows how black text looks on a background with the Hex color 5DB541.

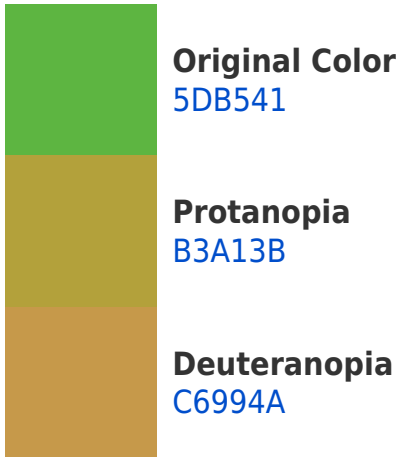


This preview shows how white text looks on a background with the Hex color 5DB541.

# 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**  
73A9B7

# Trichromacy



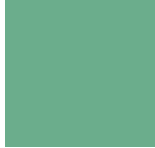
**Original Color**  
5DB541



**Protanomaly**  
94A83D



**Deuteranomaly**  
A0A347



**Tritanomaly**  
6BAD8C

# Monochromacy



**Original Color**  
5DB541



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
7C9C71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DB541 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 #5DB541 looks like.

```
.text, #text, p{  
    color:#5DB541  
}
```

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 #5DB541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB541
}
```

## Border

The CSS property to change the border of an element to Hex 5DB541 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
#5DB541 }
```

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

```
.border{ border-color:#5DB541 }
```

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

Here you see how a box with a 4 pixel #5DB541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB541; -webkit-box-shadow:4px 4px  
4px 4px #5DB541; box-shadow:4px 4px 4px  
4px #5DB541 }
```

# Background

The CSS property to change the background color of an element to Hex 5DB541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB541 }
```

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

```
.background{ background-color:#5DB541 }
```

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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