

# Converting Colors

Hex(5BD043)

Have a look what the booklet for  
Hex(5BD043) contains.

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**Color**

**Hex(5BD043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BD043
RGB	91, 208, 67
RGB Percent	36%, 82%, 26%
CMY	0.6431, 0.1843, 0.7373
CMYK	0.56, 0.00, 0.68, 0.18
HSL	110°, 60%, 54%
HSV	110°, 68%, 82%
XYZ	27.8834, 47.7411, 13.0555
YIQ	156.9430, -24.4710, -68.6550

# Conversions

## Conversions Part 2

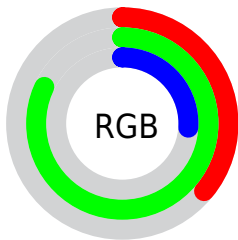
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 208, 184
Decimal	6017091
CIELab	74.66, -58.55, 57.69
CIELCh	75, 82.198, 135.424
Yxy	47.7411, 0.3144, 0.5384
Android (android.graphics.Color)	4284207171 (0xFF5BD043)
YUV	156.9430, -44.3419, -57.8320
Hunter-Lab	69.0950, -48.8822, 37.1636

# Details

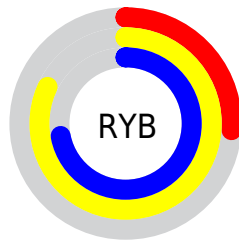
The Hex color **5BD043** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **B843D0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **97FF7A**, and **059800** is the 20% darker color. If you saturate the color by 10%, you get **4AD02E**, and if you desaturate by 10%, it is **6CD058**.

# Distribution



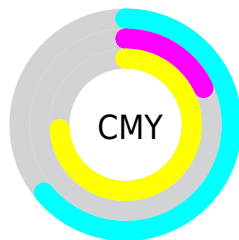
- Red (36%)
- Green (82%)
- Blue (26%)



- Red (26%)
- Yellow (82%)
- Blue (72%)



- Cyan (56%)
- Magenta (0%)
- Yellow (68%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BD043 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 5BD043 by changing the saturation by 10% instead.



 5BD043

 5BD043

FFFFFF

 3AB426

 97FF7A

 059800

 B5FF95

 007E00

 D3FFB1

 006400

 F1FFCE

 004A00

 FFFFEB

 003300

 001900

 000000

 5BD043

 5BD043

 4AD02E

 6CD058

 38D019

 7ED06D

 27D005

 8FD081

 23D000

 A0D096

 B1D0AB

 C3D0C0

 D4D0D5

 E5D0E9

 F6D0FE

# Harmonies

## Analogous

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



B7C000



5BD043



00D88F

# Triad

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



5BD043



00CBFF



FF6A94

# Complementary

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



5BD043



B843D0

# 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.



FF6FE0



5BD043



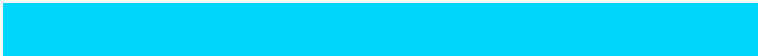
5DB3FF

# Square

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



5BD043



00D7FF



EC91FF



FF854E

# Rectangle

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



5BD043



00DAC4



EC91FF



FF67AD

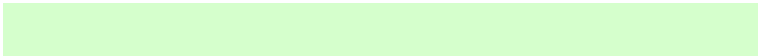


# Sweetspot

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



5BD043



D5FFCC



D0B643



668061



000000



808080



# Same Dimension

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



5BD043



54FF30



43D070



60695E



1DA800



072900



# Inverse Universe

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



B843D0



DC30FF



D043A3



675E69



8C00A8



220029



# Previews

## White Background



This preview shows how the Hex color 5BD043 looks on a white background.

## Color Contrast Check

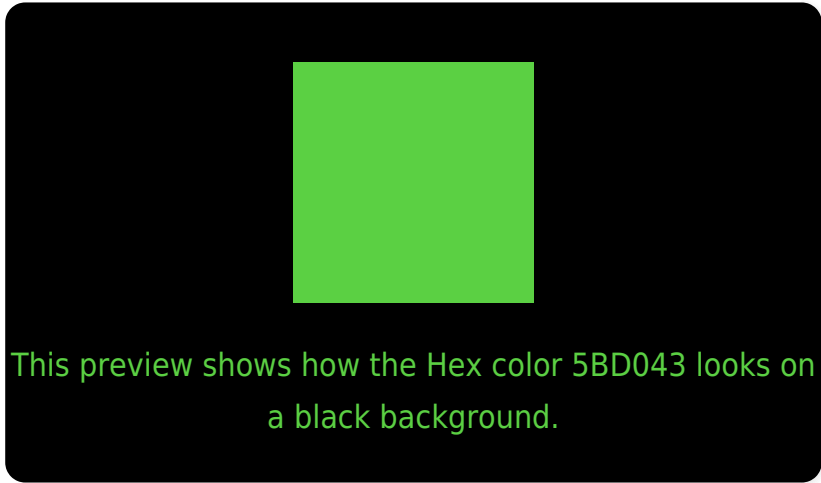
Large Text (above 18pt) WCAG AA × Fail

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

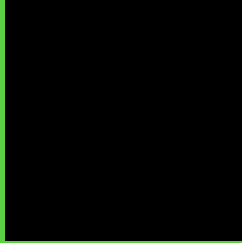
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BD043 Background



This preview shows how black text looks on a background with the Hex color 5BD043.

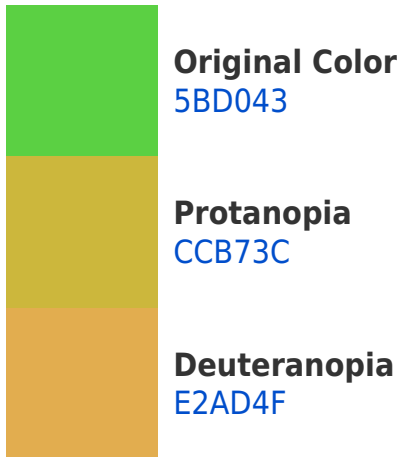


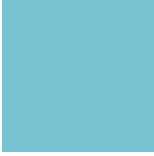
This preview shows how white text looks on a background with the Hex color 5BD043.

# 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**  
78C2D2

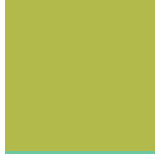
# Trichromacy



**Original Color**  
5BD043



**Protanomaly**  
A3C03F



**Deuteranomaly**  
B1BA4B



**Tritanomaly**  
6DC79E

# Monochromacy



**Original Color**  
5BD043



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
85B07C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BD043 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 #5BD043 looks like.

```
.text, #text, p{  
    color:#5BD043  
}
```

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 #5BD043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD043
}
```

## Border

The CSS property to change the border of an element to Hex 5BD043 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
#5BD043 }
```

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

```
.border{ border-color:#5BD043 }
```

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

Here you see how a box with a 4 pixel #5BD043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD043; -webkit-box-shadow:4px 4px  
4px 4px #5BD043; box-shadow:4px 4px 4px  
4px #5BD043 }
```

# Background

The CSS property to change the background color of an element to Hex 5BD043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD043 }
```

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

```
.background{ background-color:#5BD043 }
```

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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