

Converting Colors

Hex(5DB05D)

Have a look what the booklet for
Hex(5DB05D) contains.

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Color

Hex(5DB05D)

Conversions

Conversions Part 1

Format	Color
Hex	5DB05D
RGB	93, 176, 93
RGB Percent	36%, 69%, 36%
CMY	0.6353, 0.3098, 0.6353
CMYK	0.47, 0.00, 0.47, 0.31
HSL	120°, 34%, 53%
HSV	120°, 47%, 69%
XYZ	22.0153, 34.1681, 15.7907
YIQ	141.7210, -22.8250, -43.4090

Conversions

Conversions Part 2

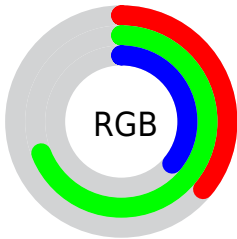
Format	Color
RYB	93, 176, 176
Decimal	6139997
CIELab	65.10, -42.48, 34.74
CIElCh	65, 54.882, 140.725
Yxy	34.1681, 0.3059, 0.4747
Android (android.graphics.Color)	4284330077 (0xFF5DB05D)
YUV	141.7210, -24.0195, -42.7283
Hunter-Lab	58.4535, -35.0653, 24.9008

Details

The Hex color **5DB05D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B05DB0**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **94E891**, and **237B2C** is the 20% darker color. If you saturate the color by 10%, you get **4BB04B**, and if you desaturate by 10%, it is **6FB06F**.

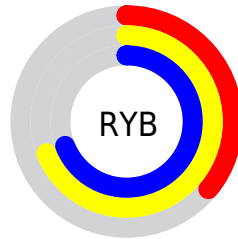
Distribution



Red (36%)

Green (69%)

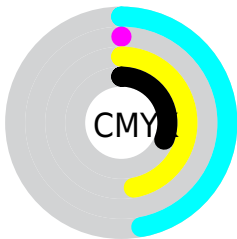
Blue (36%)



Red (36%)

Yellow (69%)

Blue (69%)

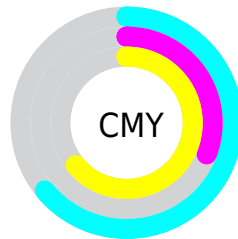


Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB05D 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 5DB05D by changing the saturation by 10% instead.

 5DB05D

 5DB05D

FFFFFF

 419544

 94E891

 237B2C

 B0FFAC

 006114

 CDFFC7

 004800

 EAFFE4

 003100

 001A00

 000000

 5DB05D

 5DB05D

 4BB04B

 6FB06F

 3AB03A

 80B080

 28B028

 92B092

 17B017

 A3B0A3

 05B005

 B5B0B5

 00B000

 C7B0C7

 D8B0D8

 EAB0EA

 FBB0FB

Harmonies

Analogous

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



98A63C



5DB05D



00B58D

Triad

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



5DB05D



00A8FF



F9747E

Complementary

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



5DB05D



B05DB0

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.



F074AF



5DB05D



8697FA

Square

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



5DB05D



00B2E9



CB83DD



E88353

Rectangle

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



5DB05D



00B6AF



CB83DD



F9728E

Sweetspot

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



5DB05D



C5E6C5



B0B05D



5F735F



F2F2F2



737373

Same Dimension

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



5DB05D



63E663



5DB087



505950



009900



001A00

Inverse Universe

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



B05DB0



E663E6



B05D87



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 5DB05D looks on a white background.

Color Contrast Check

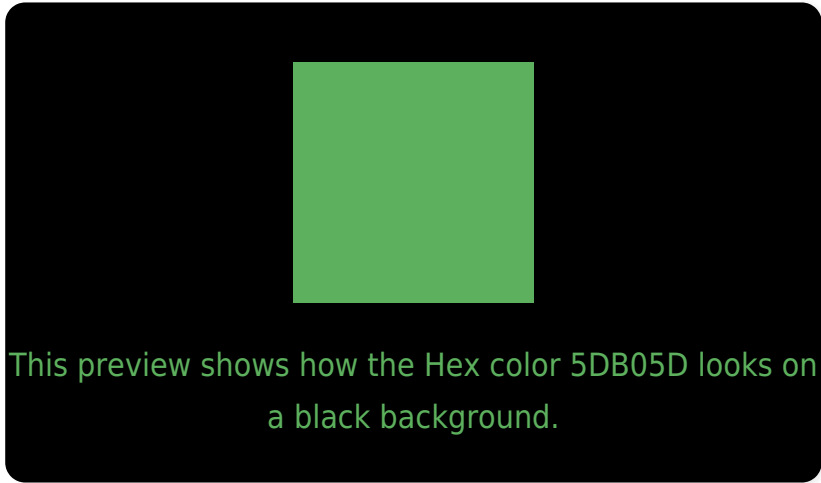
Large Text (above 18pt) WCAG AA × Fail

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 5DB05D Background



This preview shows how black text looks on a background with the Hex color 5DB05D.

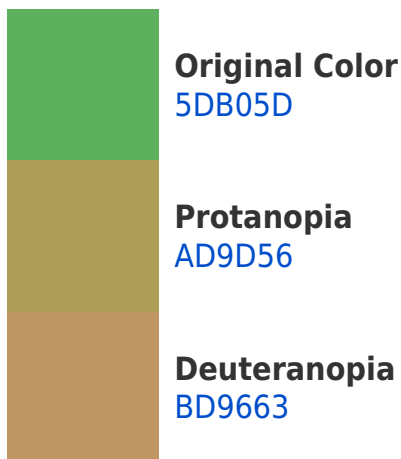


This preview shows how white text looks on a background with the Hex color 5DB05D.

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
6FA6B4

Trichromacy



Original Color
5DB05D



Protanomaly
90A459



Deuteranomaly
9A9F61



Tritanomaly
68AA94

Monochromacy



Original Color
5DB05D



Achromatopsia
8E8E8E



Achromatomaly
7C9A7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB05D 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 #5DB05D looks like.

```
.text, #text, p{  
    color:#5DB05D  
}
```

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 #5DB05D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB05D
}
```

Border

The CSS property to change the border of an element to Hex 5DB05D 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
#5DB05D }
```

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

```
.border{ border-color:#5DB05D }
```

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

Here you see how a box with a 4 pixel #5DB05D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB05D; -webkit-box-shadow:4px 4px  
4px 4px #5DB05D; box-shadow:4px 4px 4px  
4px #5DB05D }
```

Background

The CSS property to change the background color of an element to Hex 5DB05D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB05D }
```

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

```
.background{ background-color:#5DB05D }
```

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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