

Converting Colors

Hex(5DD05B)

Have a look what the booklet for
Hex(5DD05B) contains.

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Color

Hex(5DD05B)

Conversions

Conversions Part 1

Format	Color
Hex	5DD05B
RGB	93, 208, 91
RGB Percent	36%, 82%, 36%
CMY	0.6353, 0.1843, 0.6431
CMYK	0.55, 0.00, 0.56, 0.18
HSL	119°, 55%, 59%
HSV	119°, 56%, 82%
XYZ	28.9584, 48.1942, 17.6737
YIQ	160.2770, -30.9830, -60.7670

Conversions

Conversions Part 2

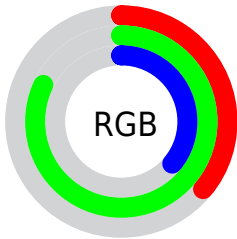
Format	Color
RYB	91, 208, 206
Decimal	6148187
CIELab	74.95, -55.57, 47.71
CIELCh	75, 73.238, 139.353
Yxy	48.1942, 0.3054, 0.5082
Android (android.graphics.Color)	4284338267 (0xFF5DD05B)
YUV	160.2770, -34.1536, -59.0019
Hunter-Lab	69.4221, -47.0300, 33.5012

Details

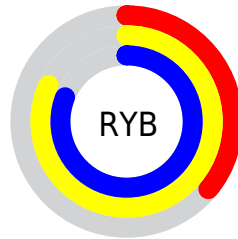
The Hex color **5DD05B** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **CE5BD0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **98FF90**, and **129826** is the 20% darker color. If you saturate the color by 10%, you get **49D046**, and if you desaturate by 10%, it is **71D070**.

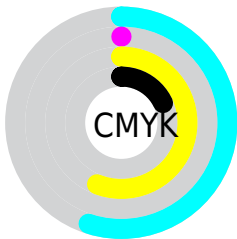
Distribution



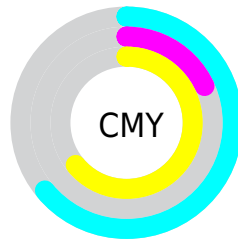
- Red (36%)
- Green (82%)
- Blue (36%)



- Red (36%)
- Yellow (82%)
- Blue (81%)



- Cyan (55%)
- Magenta (0%)
- Yellow (56%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD05B 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 5DD05B by changing the saturation by 10% instead.

 5DD05B

 5DD05B

FFFFFF

 3DB441

 98FF90

 129826

 B6FFAC

 007E04

 D3FFC8

 006400

 F1FFE4

 004B00

 003300

 001A00

 000000

 5DD05B

 5DD05B

 49D046

 71D070

 34D031

 86D085

 20D01D

 9AD099

 0BD008

 AFD0AE

 04D000

 C3D0C3

 D8D0D8

 ECD0ED

 FFD0FF

Harmonies

Analogous

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



B1C226



5DD05B



00D79D

Triad

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



5DD05B



00C7FF



FF7A90

Complementary

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



5DD05B



CE5BD0

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.



FF7AD4



5DD05B



8AB1FF

Square

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



5DD05B



00D4FF



F293FF



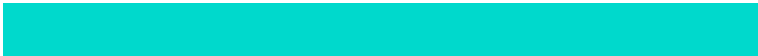
FF9153

Rectangle

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



5DD05B



00D9CC



F293FF



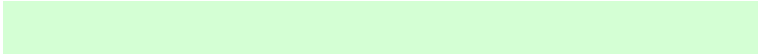
FF77A6

Sweetspot

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



5DD05B



D4FFD4



D0CC5B



668066



000000



808080

Same Dimension

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



5DD05B



55FF52



5BD092



5E695E



03A800



012900

Inverse Universe

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



CE5BD0



FC52FF



D05B99



685E69



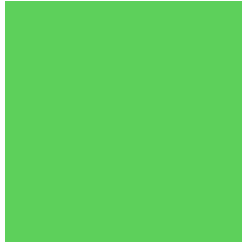
A500A8



280029

Previews

White Background



This preview shows how the Hex color 5DD05B looks on a white background.

Color Contrast Check

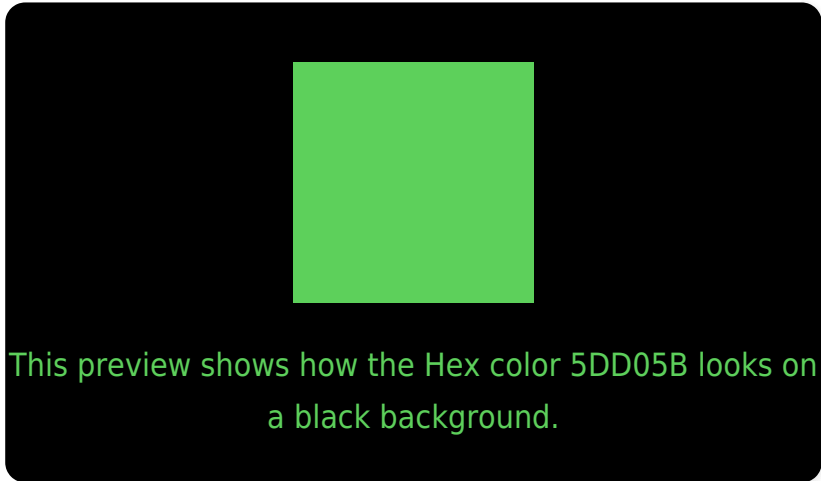
Large Text (above 18pt) WCAG AA × Fail

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

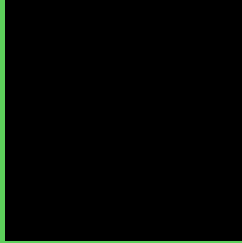
Any Text WCAG AA ✓ Pass

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 5DD05B Background



This preview shows how black text looks on a background with the Hex color 5DD05B.



This preview shows how white text looks on a background with the Hex color 5DD05B.

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](#).

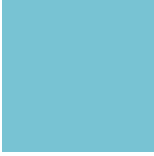
Dichromacy



Original Color
5DD05B

Protanopia
CBB753

Deuteranopia
E0AF64



Tritanopia
78C3D3

Trichromacy



Original Color
5DD05B



Protanomaly
A3C056



Deuteranomaly
B0BB61



Tritanomaly
6EC8A7

Monochromacy



Original Color
5DD05B



Achromatopsia
A0A0A0



Achromatomaly
88B187

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD05B 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 #5DD05B looks like.

```
.text, #text, p{  
    color:#5DD05B  
}
```

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 #5DD05B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD05B
}
```

Border

The CSS property to change the border of an element to Hex 5DD05B 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
#5DD05B }
```

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

```
.border{ border-color:#5DD05B }
```

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

Here you see how a box with a 4 pixel #5DD05B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD05B; -webkit-box-shadow:4px 4px  
4px 4px #5DD05B; box-shadow:4px 4px 4px  
4px #5DD05B }
```

Background

The CSS property to change the background color of an element to Hex 5DD05B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD05B }
```

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

```
.background{ background-color:#5DD05B }
```

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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