

Converting Colors

Hex(5DD731)

Have a look what the booklet for
Hex(5DD731) contains.

Hex(5DD731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DD731)

Conversions

Conversions Part 1

Format	Color
Hex	5DD731
RGB	93, 215, 49
RGB Percent	36%, 84%, 19%
CMY	0.6353, 0.1569, 0.8078
CMYK	0.57, 0.00, 0.77, 0.16
HSL	104°, 67%, 52%
HSV	104°, 77%, 84%
XYZ	29.3690, 51.1498, 11.2307
YIQ	159.5980, -19.4260, -77.4900

Conversions

Conversions Part 2

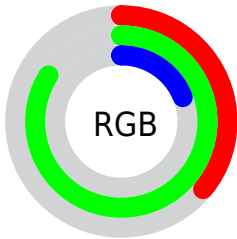
Format	Color
RYB	49, 215, 171
Decimal	6149937
CIELab	76.77, -61.84, 66.15
CIELCh	77, 90.556, 133.070
Yxy	51.1498, 0.3201, 0.5575
Android (android.graphics.Color)	4284340017 (0xFF5DD731)
YUV	159.5980, -54.5248, -58.4064
Hunter-Lab	71.5191, -51.8581, 40.7530

Details

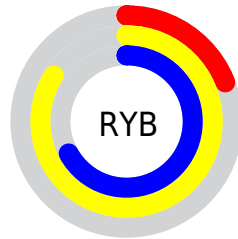
The Hex color **5DD731** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **AB31D7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9BFF6C**, and **009F00** is the 20% darker color. If you saturate the color by 10%, you get **4DD71C**, and if you desaturate by 10%, it is **6DD747**.

Distribution



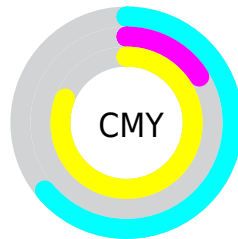
- Red (36%)
- Green (84%)
- Blue (19%)



- Red (19%)
- Yellow (84%)
- Blue (67%)



- Cyan (57%)
- Magenta (0%)
- Yellow (77%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD731 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 5DD731 by changing the saturation by 10% instead.


 5DD731

 5DD731

FFFFFF

 3BBB04

 9BFF6C

 009F00

 B9FF88

 008400

 D7FFA4

 006A00

 F6FFC1

 005000

 FFFFDE

 003800

 FFFFFB

 001F00

 000000

 5DD731

 5DD731

 4DD71C

 6DD747

 3DD706

 7DD75C

 39D700

 8CD772

 9CD787

 ACD79D

 BCD7B2

 CCD7C8

 DBD7DD

 EBD7F3

Harmonies

Analogous

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



C1C500



5DD731



00E089

Triad

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



5DD731



00D4FF



FF609D

Complementary

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



5DD731



AB31D7

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.



FF6BF0



5DD731



14BBFF

Square

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



5DD731



00E0FF



EE95FF



FF814D

Rectangle

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



5DD731



00E3C4



EE95FF



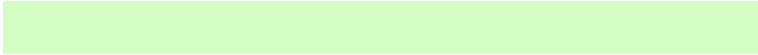
FF5EB9

Sweetspot

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



5DD731



D4FFC4



D7AB31



65805C



000000



808080

Same Dimension

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



5DD731



51FF12



31D758



636B60



2DAB00



0B2B00

Inverse Universe

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



AB31D7



C012FF



D731B0



68606B



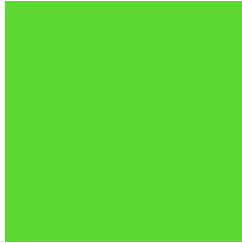
7E00AB



20002B

Previews

White Background



This preview shows how the Hex color 5DD731 looks on a white background.

Color Contrast Check

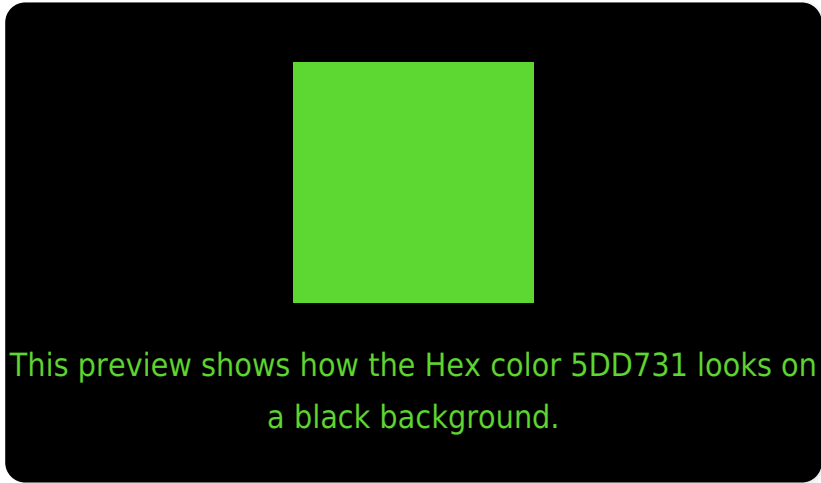
Large Text (above 18pt) WCAG AA × Fail

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

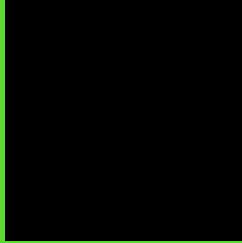
Any Text WCAG AA ✓ Pass

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 5DD731 Background



This preview shows how black text looks on a background with the Hex color 5DD731.

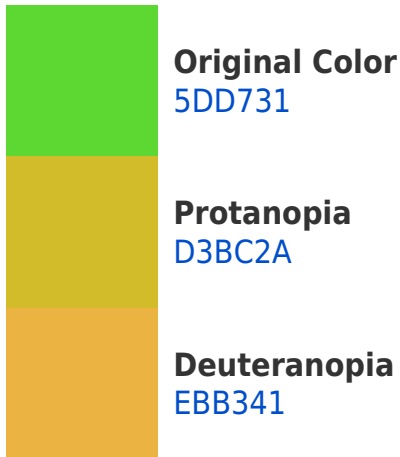


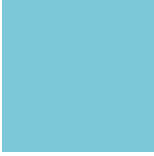
This preview shows how white text looks on a background with the Hex color 5DD731.

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
7DC8D8

Trichromacy



Original Color
5DD731



Protanomaly
A8C62D



Deuteranomaly
B7C03B



Tritanomaly
71CD9B

Monochromacy



Original Color
5DD731



Achromatopsia
A0A0A0



Achromatomaly
88B478

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD731 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 #5DD731 looks like.

```
.text, #text, p{  
    color:#5DD731  
}
```

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 #5DD731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD731
}
```

Border

The CSS property to change the border of an element to Hex 5DD731 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
#5DD731 }
```

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

```
.border{ border-color:#5DD731 }
```

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

Here you see how a box with a 4 pixel #5DD731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD731; -webkit-box-shadow:4px 4px  
4px 4px #5DD731; box-shadow:4px 4px 4px  
4px #5DD731 }
```

Background

The CSS property to change the background color of an element to Hex 5DD731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD731 }
```

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

```
.background{ background-color:#5DD731 }
```

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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