

Converting Colors

Hex(5DDF5A)

Have a look what the booklet for
Hex(5DDF5A) contains.

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Color

Hex(5DDF5A)

Conversions

Conversions Part 1

Format	Color
Hex	5DDF5A
RGB	93, 223, 90
RGB Percent	36%, 87%, 35%
CMY	0.6353, 0.1255, 0.6471
CMYK	0.58, 0.00, 0.60, 0.13
HSL	119°, 68%, 61%
HSV	119°, 60%, 87%
XYZ	32.7473, 55.8407, 18.7252
YIQ	168.9680, -34.7870, -68.9230

Conversions

Conversions Part 2

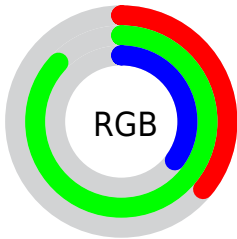
Format	Color
RYB	90, 223, 220
Decimal	6152026
CIELab	79.52, -61.21, 53.47
CIELCh	80, 81.282, 138.861
Yxy	55.8407, 0.3052, 0.5204
Android (android.graphics.Color)	4284342106 (0xFF5DDF5A)
YUV	168.9680, -38.9312, -66.6239
Hunter-Lab	74.7266, -52.5478, 37.4516

Details

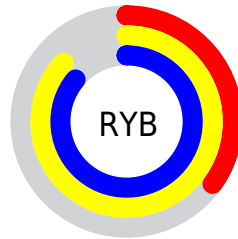
The Hex color **5DDF5A** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **DC5ADF**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9AFF90**, and **00A723** is the 20% darker color. If you saturate the color by 10%, you get **47DF44**, and if you desaturate by 10%, it is **73DF70**.

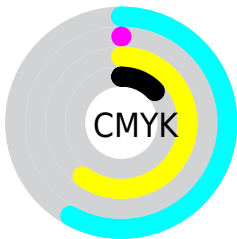
Distribution



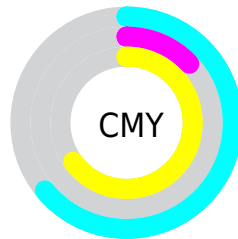
- Red (36%)
- Green (87%)
- Blue (35%)



- Red (35%)
- Yellow (87%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DDF5A 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 5DDF5A by changing the saturation by 10% instead.

 5DDF5A

 5DDF5A

FFFFFF

 3BC23F

 9AFF90

 00A723

 B8FFAC

 008B00

 D6FFC8

 007100

 F5FFE5

 005700

 003E00

 002700

 000000

 5DDF5A

 5DDF5A

 47DF44

 73DF70

 31DF2D

 89DF87

 1CDF17

 9EDF9D

 06DF01

 B4DFB3

 05DF00

 CADFCA

 E0DFE0

 F6DFF6

 FFDFFF

Harmonies

Analogous

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



BDD015



5DDF5A



00E7A5

Triad

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



5DDF5A



00D6FF



FF7C99

Complementary

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



5DDF5A



DC5ADF

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.



FF7DE5



5DDF5A



8ABDFF

Square

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



5DDF5A



00E4FF



FF9BFF



FF9854

Rectangle

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



5DDF5A



00E8DA



FF9BFF



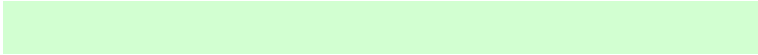
FF79B2

Sweetspot

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



5DDF5A



D2FFD1



DFDB5A



648063



000000



808080

Same Dimension

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



5DDF5A



4CFF47



5ADF98



657065



04B000



013000

Inverse Universe

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



DC5ADF



FB47FF



DF5AA1



706570



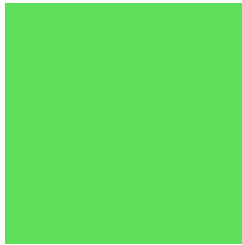
AC00B0



2F0030

Previews

White Background



This preview shows how the Hex color 5DDF5A 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



This preview shows how the Hex color 5DDF5A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

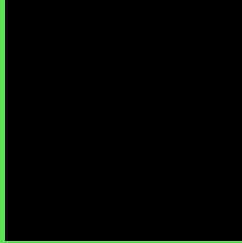
Any Text WCAG AA ✓ Pass

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 5DDF5A Background



This preview shows how black text looks on a background with the Hex color 5DDF5A.

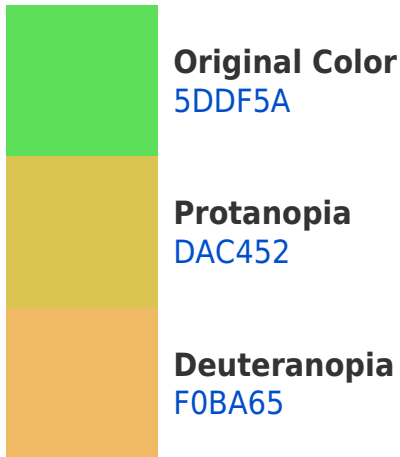


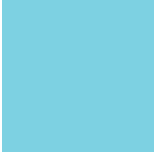
This preview shows how white text looks on a background with the Hex color 5DDF5A.

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](#).

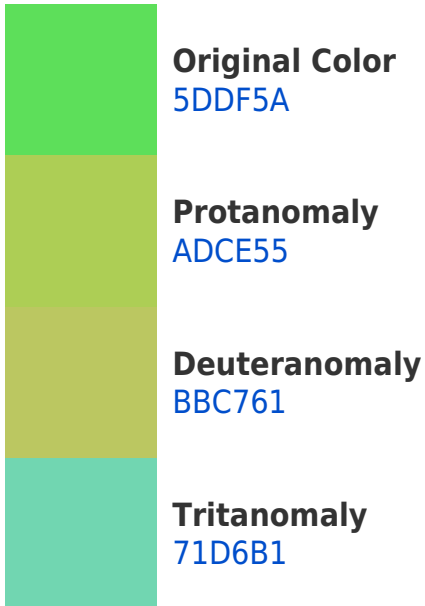
Dichromacy



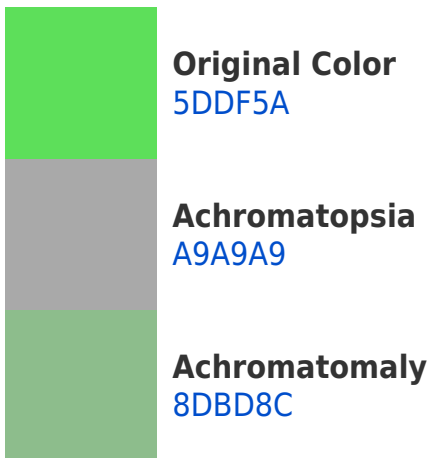


Tritanopia
7DD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DDF5A 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 #5DDF5A looks like.

```
.text, #text, p{  
    color:#5DDF5A  
}
```

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 #5DDF5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DDF5A
}
```

Border

The CSS property to change the border of an element to Hex 5DDF5A 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
#5DDF5A }
```

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

```
.border{ border-color:#5DDF5A }
```

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

Here you see how a box with a 4 pixel #5DDF5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DDF5A; -webkit-box-shadow:4px 4px  
4px 4px #5DDF5A; box-shadow:4px 4px 4px  
4px #5DDF5A }
```

Background

The CSS property to change the background color of an element to Hex 5DDF5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DDF5A }
```

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

```
.background{ background-color:#5DDF5A }
```

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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