

Converting Colors

Hex(5DD959)

Have a look what the booklet for
Hex(5DD959) contains.

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Color

Hex(5DD959)

Conversions

Conversions Part 1

Format	Color
Hex	5DD959
RGB	93, 217, 89
RGB Percent	36%, 85%, 35%
CMY	0.6353, 0.1490, 0.6510
CMYK	0.57, 0.00, 0.59, 0.15
HSL	118°, 63%, 60%
HSV	118°, 59%, 85%
XYZ	31.1302, 52.6741, 17.9776
YIQ	165.3320, -32.8160, -66.0960

Conversions

Conversions Part 2

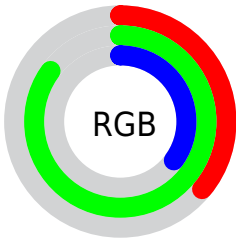
Format	Color
RYB	89, 217, 213
Decimal	6150489
CIELab	77.68, -59.15, 51.80
CIElCh	78, 78.624, 138.789
Yxy	52.6741, 0.3059, 0.5175
Android (android.graphics.Color)	4284340569 (0xFF5DD959)
YUV	165.3320, -37.6317, -63.4352
Hunter-Lab	72.5769, -50.4462, 36.1175

Details

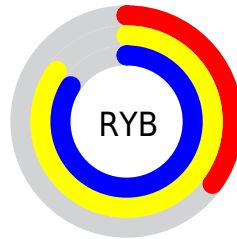
The Hex color **5DD959** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **D559D9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **99FF8F**, and **08A122** is the 20% darker color. If you saturate the color by 10%, you get **48D943**, and if you desaturate by 10%, it is **72D96F**.

Distribution



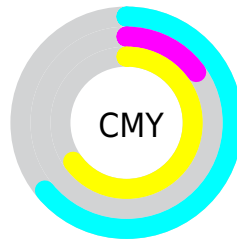
- Red (36%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (59%)
- Black (15%)



- Cyan (64%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD959 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 5DD959 by changing the saturation by 10% instead.

 5DD959

 5DD959

FFFFFF

 3CBD3E

 99FF8F

 08A122

 B7FFAA

 008600

 D5FFC6

 006C00

 F3FFE3

 005200

 003A00

 002200

 000000

 5DD959

 5DD959

 48D943

 72D96F

 33D92E

 87D984

 1ED918

 9CD99A

 09D902

 B1D9B0

 07D900

 C6D9C6

 DBD9DB

 F0D9F1

 FFD9FF

Harmonies

Analogous

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



B8CA1A



5DD959



00E0A1

Triad

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



5DD959



00D0FF



FF7B95

Complementary

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



5DD959



D559D9

Split Complementary

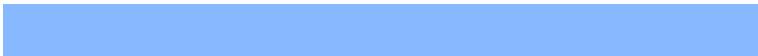
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7BDF



5DD959



88B8FF

Square

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



5DD959



00DEFF



FC98FF



FF9453

Rectangle

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



5DD959



00E2D4



FC98FF



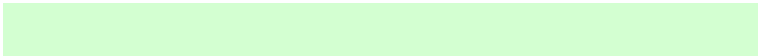
FF77AE

Sweetspot

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



5DD959



D3FFD1



D9D559



648063



000000



808080

Same Dimension

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



5DD959



50FF4A



59D995



636E63



05AD00



012E00

Inverse Universe

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



D559D9



F94AFF



D9599D



6D636E



A800AD



2C002E

Previews

White Background



This preview shows how the Hex color 5DD959 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 5DD959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

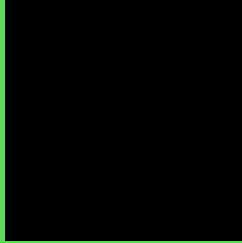
Any Text WCAG AA ✓ Pass

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 5DD959 Background



This preview shows how black text looks on a background with the Hex color 5DD959.

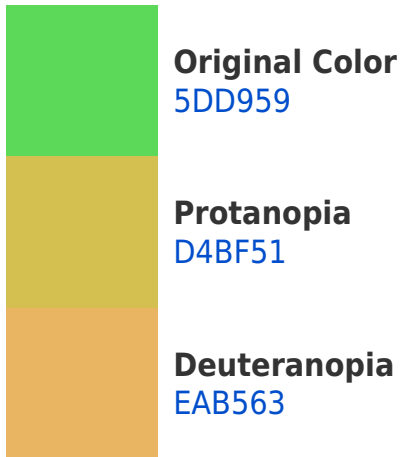


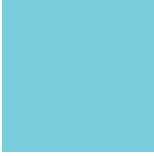
This preview shows how white text looks on a background with the Hex color 5DD959.

Color Blindness Simulation

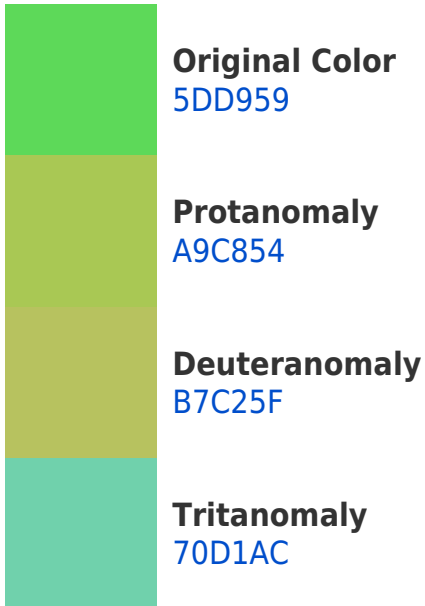
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

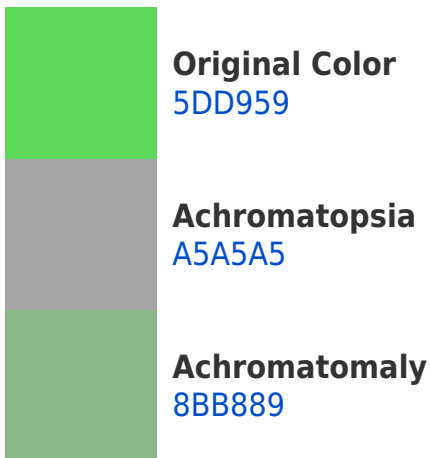




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD959 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 #5DD959 looks like.

```
.text, #text, p{  
    color:#5DD959  
}
```

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 #5DD959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD959
}
```

Border

The CSS property to change the border of an element to Hex 5DD959 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
#5DD959 }
```

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

```
.border{ border-color:#5DD959 }
```

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

Here you see how a box with a 4 pixel #5DD959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD959; -webkit-box-shadow:4px 4px  
4px 4px #5DD959; box-shadow:4px 4px 4px  
4px #5DD959 }
```

Background

The CSS property to change the background color of an element to Hex 5DD959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD959 }
```

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

```
.background{ background-color:#5DD959 }
```

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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