

Converting Colors

Hex(5DEE5D)

Have a look what the booklet for
Hex(5DEE5D) contains.

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Color

Hex(5DEE5D)

Conversions

Conversions Part 1

Format	Color
Hex	5DEE5D
RGB	93, 238, 93
RGB Percent	36%, 93%, 36%
CMY	0.6353, 0.0667, 0.6353
CMYK	0.61, 0.00, 0.61, 0.07
HSL	120°, 81%, 65%
HSV	120°, 61%, 93%
XYZ	37.0645, 64.2665, 20.8071
YIQ	178.1150, -39.8750, -75.8350

Conversions

Conversions Part 2

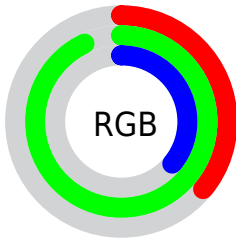
Format	Color
RYB	93, 238, 238
Decimal	6155869
CIELab	84.10, -66.19, 57.40
CIElCh	84, 87.609, 139.070
Yxy	64.2665, 0.3035, 0.5262
Android (android.graphics.Color)	4284345949 (0xFF5DEE5D)
YUV	178.1150, -41.9617, -74.6459
Hunter-Lab	80.1664, -57.7627, 40.7278

Details

The Hex color **5DEE5D** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **EE5DEE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9CFF94**, and **00B524** is the 20% darker color. If you saturate the color by 10%, you get **45EE45**, and if you desaturate by 10%, it is **75EE75**.

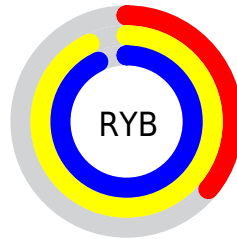
Distribution



Red (36%)

Green (93%)

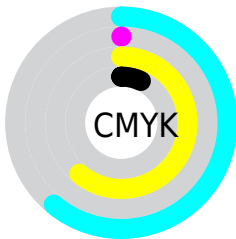
Blue (36%)



Red (36%)

Yellow (93%)

Blue (93%)

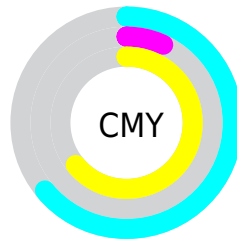


Cyan (61%)

Magenta (0%)

Yellow (61%)

Black (7%)



Cyan (64%)

Magenta (7%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DEE5D 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 5DEE5D by changing the saturation by 10% instead.

5DEE5D

5DEE5D

FFFFFF

38D142

9CFF94

00B524

BBFFB0

009900

DAFFCC

007E00

F8FFE9

006400

004A00

003300

001700

000000

 5DEE5D

 5DEE5D

 45EE45

 75EE75

 2DEE2D

 8DEE8D

 16EE16

 A4EEA4

 00EE00

 BCEEBC

 D4EED4

 ECEEEC

 FFE EFF

Harmonies

Analogous

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



C7DE02



5DEE5D



00F6B0

Triad

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



5DEE5D



00E4FF



FF81A1

Complementary

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



5DEE5D



EE5DEE

Split Complementary

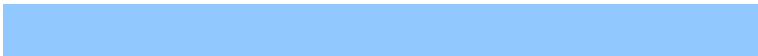
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF82F4



5DEE5D



91C9FF

Square

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



5DEE5D



00F3FF



FFA3FF



FFA055

Rectangle

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



5DEE5D



00F8E9



FFA3FF



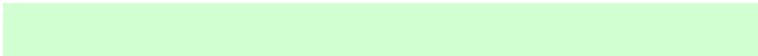
FF7DBC

Sweetspot

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



5DEE5D



D1FFD1



EEEE5D



638063



000000



808080

Same Dimension

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



5DEE5D



45FF45



5DEEA5



6C786C



00B800



003800

Inverse Universe

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



EE5DEE



FF45FF



EE5DA5



786C78



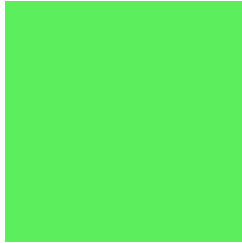
B800B8



380038

Previews

White Background



This preview shows how the Hex color 5DEE5D 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 5DEE5D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

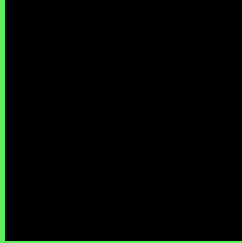
Any Text WCAG AA ✓ Pass

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 5DEE5D Background



This preview shows how black text looks on a background with the Hex color 5DEE5D.

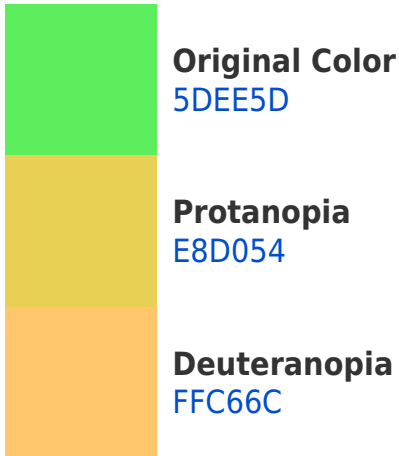


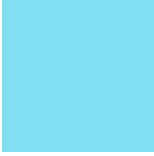
This preview shows how white text looks on a background with the Hex color 5DEE5D.

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
81DFF1

Trichromacy



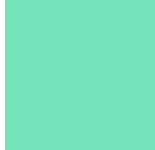
Original Color
5DEE5D



Protanomaly
B5DB57



Deuteranomaly
C4D567

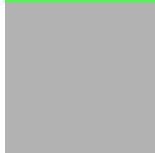


Tritanomaly
74E4BB

Monochromacy



Original Color
5DEE5D



Achromatopsia
B2B2B2



Achromatomaly
93C893

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DEE5D 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 #5DEE5D looks like.

```
.text, #text, p{  
    color:#5DEE5D  
}
```

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 #5DEE5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DEE5D
}
```

Border

The CSS property to change the border of an element to Hex 5DEE5D 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
#5DEE5D }
```

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

```
.border{ border-color:#5DEE5D }
```

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

Here you see how a box with a 4 pixel #5DEE5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DEE5D; -webkit-box-shadow:4px 4px  
4px 4px #5DEE5D; box-shadow:4px 4px 4px  
4px #5DEE5D }
```

Background

The CSS property to change the background color of an element to Hex 5DEE5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DEE5D }
```

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

```
.background{ background-color:#5DEE5D }
```

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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