

Converting Colors

Hex(52ED85)

Have a look what the booklet for
Hex(52ED85) contains.

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Color

Hex(52ED85)

Conversions

Conversions Part 1

Format	Color
Hex	52ED85
RGB	82, 237, 133
RGB Percent	32%, 93%, 52%
CMY	0.6784, 0.0706, 0.4784
CMYK	0.65, 0.00, 0.44, 0.07
HSL	140°, 81%, 63%
HSV	140°, 65%, 93%
XYZ	37.9975, 64.0557, 32.5516
YIQ	178.7990, -58.9960, -65.2040

Conversions

Conversions Part 2

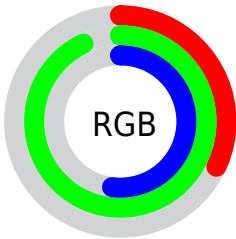
Format	Color
RYB	82, 199, 237
Decimal	5434757
CIELab	83.99, -62.68, 38.67
CIELCh	84, 73.648, 148.325
Yxy	64.0557, 0.2823, 0.4759
Android (android.graphics.Color)	4283624837 (0xFF52ED85)
YUV	178.7990, -22.5789, -84.8927
Hunter-Lab	80.0348, -55.3158, 31.9100

Details

The Hex color **52ED85** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **ED52BA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **92FFBB**, and **00B451** is the 20% darker color. If you saturate the color by 10%, you get **3AED75**, and if you desaturate by 10%, it is **6AED95**.

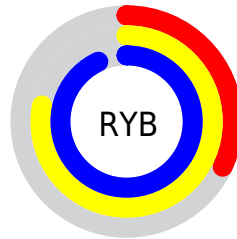
Distribution



Red (32%)

Green (93%)

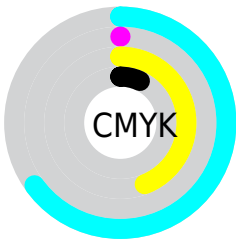
Blue (52%)



Red (32%)

Yellow (78%)

Blue (93%)

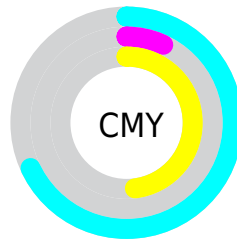


Cyan (65%)

Magenta (0%)

Yellow (44%)

Black (7%)



Cyan (68%)

Magenta (7%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52ED85 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 52ED85 by changing the saturation by 10% instead.

 52ED85

 52ED85

FFFFFF

 29D06B

 92FFBB

 00B451

 B1FFD7

 009839

 D0FFF4

 007D1F

 EEEFFF

 006302

 004900

 003200

 001700

 000000

 52ED85

 52ED85

 3AED75

 6AED95

 23ED65

 81EDA5

 0BED55

 99EDB5

 00ED4E

 B1EDC5

 C8EDD5

 E0EDE4

 F8EDF4

 FFEDFF

Harmonies

Analogous

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



B5E14D



52ED85



00F3CB

Triad

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



52ED85



00DAFF



FF9994

Complementary

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



52ED85



ED52BA

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.



FF91D8



52ED85



CCC1FF

Square

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



52ED85



00EBFF



FFA3FF



FFB25A

Rectangle

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



52ED85



00F3FB



FFA3FF



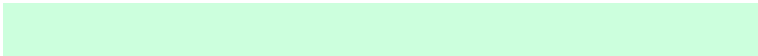
FF94AA

Sweetspot

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



52ED85



CCFFDD



BCED52



61806B



000000



808080

Same Dimension

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



52ED85



38FF7A



52EDD1



6A756D



00B53C



003612

Inverse Universe

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



ED52BA



FF38BE



ED526E



756A71



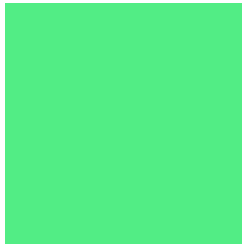
B50079



360024

Previews

White Background



This preview shows how the Hex color 52ED85 looks on a white background.

Color Contrast Check

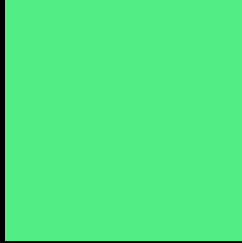
Large Text (above 18pt) WCAG AA × Fail

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 52ED85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

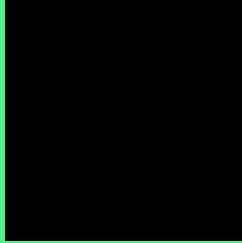
Any Text WCAG AA ✓ Pass

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 52ED85 Background



This preview shows how black text looks on a background with the Hex color 52ED85.

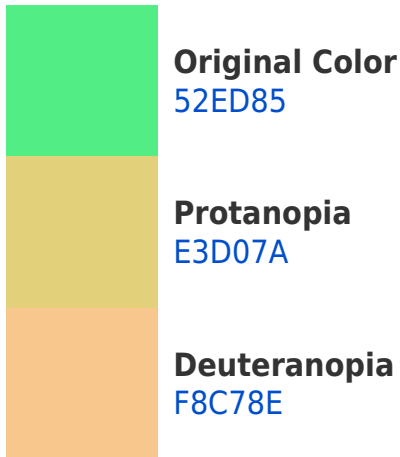


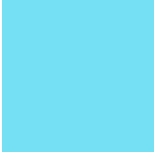
This preview shows how white text looks on a background with the Hex color 52ED85.

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
75E0F3

Trichromacy



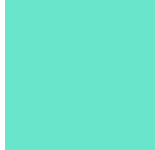
Original Color
52ED85



Protanomaly
AEDB7E



Deuteranomaly
BCD58B

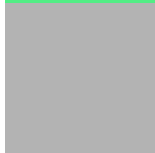


Tritanomaly
68E5CB

Monochromacy



Original Color
52ED85



Achromatopsia
B3B3B3



Achromatomaly
90C8A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 52ED85 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 #52ED85 looks like.

```
.text, #text, p{  
    color:#52ED85  
}
```

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 #52ED85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52ED85
}
```

Border

The CSS property to change the border of an element to Hex 52ED85 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
#52ED85 }
```

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

```
.border{ border-color:#52ED85 }
```

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

Here you see how a box with a 4 pixel #52ED85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52ED85; -webkit-box-shadow:4px 4px  
4px 4px #52ED85; box-shadow:4px 4px 4px  
4px #52ED85 }
```

Background

The CSS property to change the background color of an element to Hex 52ED85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52ED85 }
```

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

```
.background{ background-color:#52ED85 }
```

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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