

# Converting Colors

Hex(8ED55D)

Have a look what the booklet for  
Hex(8ED55D) contains.

|  |    |
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**Color**

**Hex(8ED55D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8ED55D                      |
| RGB         | 142, 213, 93                |
| RGB Percent | 56%, 84%, 36%               |
| CMY         | 0.4431, 0.1647, 0.6353      |
| CMYK        | 0.33, 0.00, 0.56, 0.16      |
| HSL         | 96°, 59%, 60%               |
| HSV         | 96°, 56%, 84%               |
| XYZ         | 36.9254, 54.1296, 18.8578   |
| YIQ         | 178.0910, -3.7960, -52.3720 |

# Conversions

## Conversions Part 2

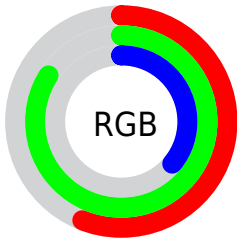
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 93, 213, 164                    |
| Decimal                             | 9360733                         |
| CIELab                              | 78.54, -42.65, 51.51            |
| CIElCh                              | 79, 66.878, 129.624             |
| Yxy                                 | 54.1296, 0.3360,<br>0.4925      |
| Android<br>(android.graphics.Color) | 4287550813<br>(0xFF8ED55D)      |
| YUV                                 | 178.0910, -41.9499,<br>-31.6518 |
| Hunter-Lab                          | 73.5728, -39.1653,<br>36.3041   |

# Details

The Hex color **8ED55D** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A45DD5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C7FF93**, and **579E27** is the 20% darker color. If you saturate the color by 10%, you get **81D548**, and if you desaturate by 10%, it is **9BD572**.

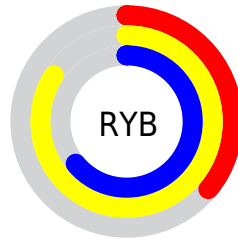
# Distribution



Red (56%)

Green (84%)

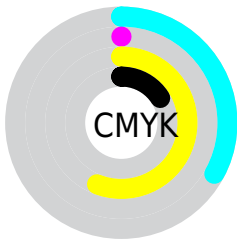
Blue (36%)



Red (36%)

Yellow (84%)

Blue (64%)

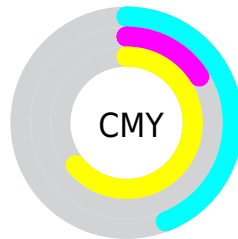


Cyan (33%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (44%)

Magenta (16%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ED55D 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 8ED55D by changing the saturation by 10% instead.



 8ED55D

 8ED55D

FFFFFF

 72B943

 C7FF93

 579E27

 E4FFAE

 3A8304

 FFFFC4

 1A6A00

 FFFF7

 005100

 003900

 002400

 000000

 8ED55D

 8ED55D

 81D548

 9BD572

 75D532

 A7D588

 68D51D

 B4D59D

 5CD508

 C0D5B2

 57D500

 CDD5C8

 DAD5DD

 E6D5F2

 F3D5FF

 FFD5FF

# Harmonies

## Analogous

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



D1C63E



8ED55D



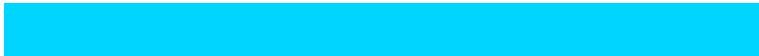
00DE95

# Triad

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



8ED55D



00D5FF



FF8AB1

# Complementary

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



8ED55D



A45DD5

# 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.



FF92EF



8ED55D



70C2FF

# Square

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



8ED55D



00DEFF



E0A9FF



FF9876

# Rectangle

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



8ED55D



00E0C0



E0A9FF



FF8AC6

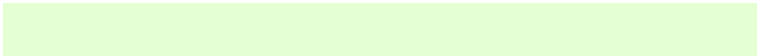


# Sweetspot

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



8ED55D



E5FFD4



D5A35D



708066



000000



808080



# Same Dimension

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



8ED55D



98FF52



5DD567



656B60



46AB00



122B00



# Inverse Universe

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



A45DD5



B852FF



D55DCB



67606B



6500AB



1A002B



# Previews

## White Background



This preview shows how the Hex color 8ED55D looks on a white background.

## Color Contrast Check

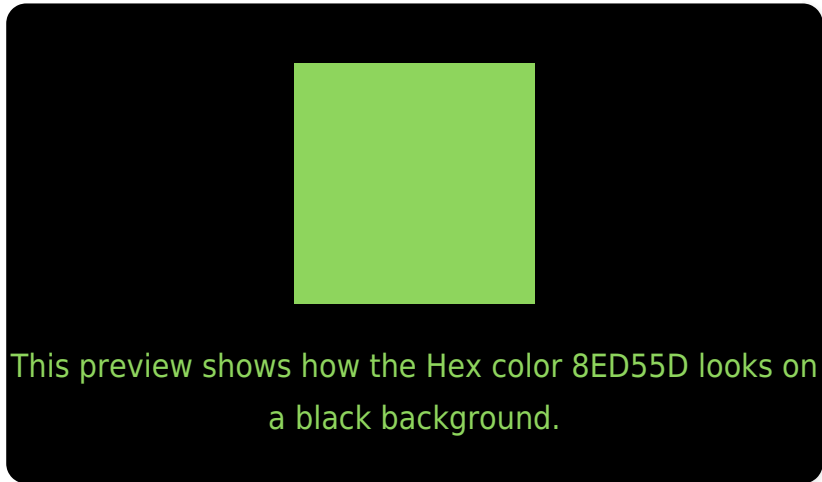
Large Text (above 18pt) WCAG AA × Fail

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 8ED55D Background



This preview shows how black text looks on a background with the Hex color 8ED55D.

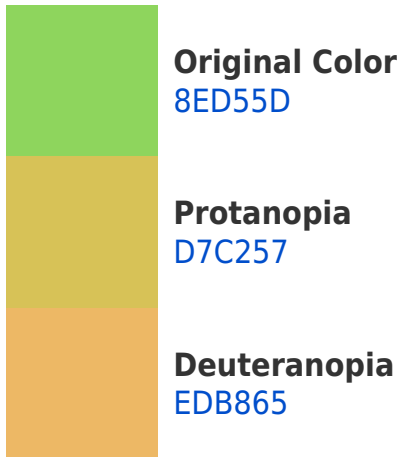


This preview shows how white text looks on a background with the Hex color 8ED55D.

# 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**  
A1C8D8

# Trichromacy



**Original Color**  
8ED55D



**Protanomaly**  
BCC959



**Deuteranomaly**  
CAC362



**Tritanomaly**  
9ACDAB

# Monochromacy



**Original Color**  
8ED55D



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
A5BF93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ED55D 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 #8ED55D looks like.

```
.text, #text, p{  
    color:#8ED55D  
}
```

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 #8ED55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ED55D  
}
```

## Border

The CSS property to change the border of an element to Hex 8ED55D 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  
#8ED55D }
```

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

```
.border{ border-color:#8ED55D }
```

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

Here you see how a box with a 4 pixel #8ED55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ED55D; -webkit-box-shadow:4px 4px  
4px 4px #8ED55D; box-shadow:4px 4px 4px  
4px #8ED55D }
```

# Background

The CSS property to change the background color of an element to Hex 8ED55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ED55D }
```

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

```
.background{ background-color:#8ED55D }
```

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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