

Converting Colors

Hex(9ED55D)

Have a look what the booklet for
Hex(9ED55D) contains.

Hex(9ED55D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9ED55D)

Conversions

Conversions Part 1

Format	Color
Hex	9ED55D
RGB	158, 213, 93
RGB Percent	62%, 84%, 36%
CMY	0.3804, 0.1647, 0.6353
CMYK	0.26, 0.00, 0.56, 0.16
HSL	88°, 59%, 60%
HSV	88°, 56%, 84%
XYZ	39.8706, 55.6479, 18.9956
YIQ	182.8750, 5.7400, -48.9800

Conversions

Conversions Part 2

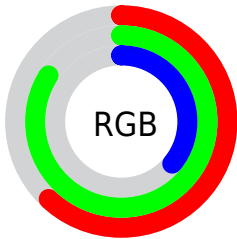
Format	Color
RYB	93, 213, 148
Decimal	10409309
CIELab	79.41, -36.97, 52.75
CIElCh	79, 64.419, 125.026
Yxy	55.6479, 0.3482, 0.4859
Android (android.graphics.Color)	4288599389 (0xFF9ED55D)
YUV	182.8750, -44.3084, -21.8154
Hunter-Lab	74.5975, -35.1417, 37.1206

Details

The Hex color **9ED55D** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **945DD5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D7FF93**, and **679E27** is the 20% darker color. If you saturate the color by 10%, you get **94D548**, and if you desaturate by 10%, it is **A8D572**.

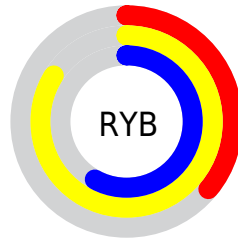
Distribution



Red (62%)

Green (84%)

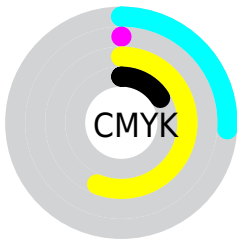
Blue (36%)



Red (36%)

Yellow (84%)

Blue (58%)

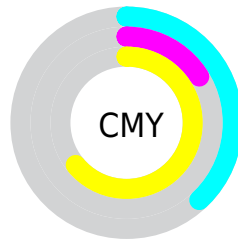


Cyan (26%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (38%)

Magenta (16%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9ED55D 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 9ED55D by changing the saturation by 10% instead.

 9ED55D

 9ED55D

FFFFFF

 82B943

 D7FF93

 679E27

 F4FFAE

 4C8403

 FFFFCA

 306A00

 FFFF E7

 135100

 003A00

 002500

 000000

 9ED55D

 9ED55D

 94D548

 A8D572

 8AD532

 B2D588

 81D51D

 BBD59D

 77D508

 C5D5B2

 73D500

 CFD5C8

 D9D5DD

 E2D5F2

 ECD5FF

 F6D5FF

Harmonies

Analogous

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



DDC545



9ED55D



40DF90

Triad

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



9ED55D



00D8FF



FF8FBD

Complementary

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



9ED55D



945DD5

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.



FF99F9



9ED55D



61C8FF

Square

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



9ED55D



00E1FF



D5B1FF



FF9983

Rectangle

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



9ED55D



00E2B8



D5B1FF



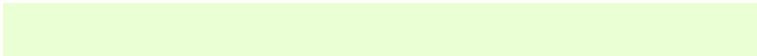
FF90D1

Sweetspot

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



9ED55D



EBFFD4



D5935D



748066



000000



808080

Same Dimension

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



9ED55D



B0FF52



63D55D



666B60



5DAB00



172B00

Inverse Universe

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



945DD5



A152FF



CF5DD5



65606B



4E00AB



14002B

Previews

White Background



This preview shows how the Hex color 9ED55D looks on a white background.

Color Contrast Check

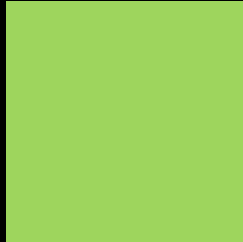
Large Text (above 18pt) WCAG AA × Fail

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 9ED55D 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 9ED55D Background



This preview shows how black text looks on a background with the Hex color 9ED55D.

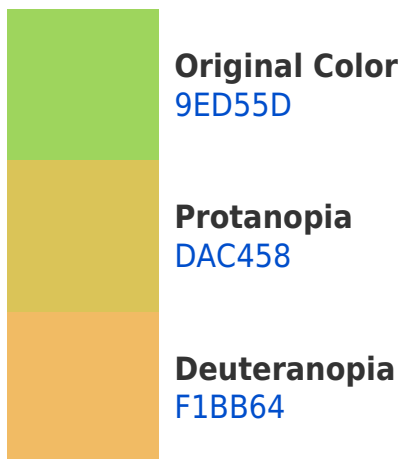


This preview shows how white text looks on a background with the Hex color 9ED55D.

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](#).

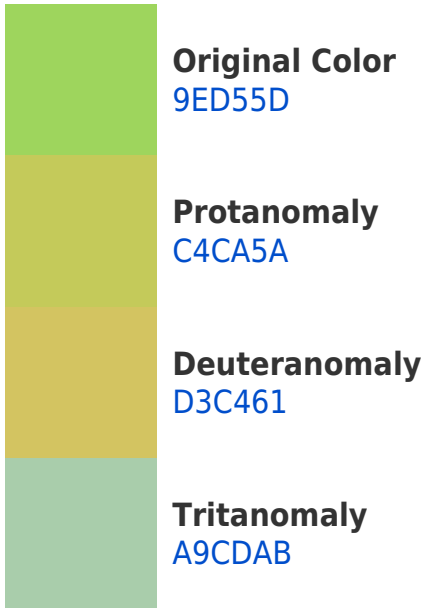
Dichromacy



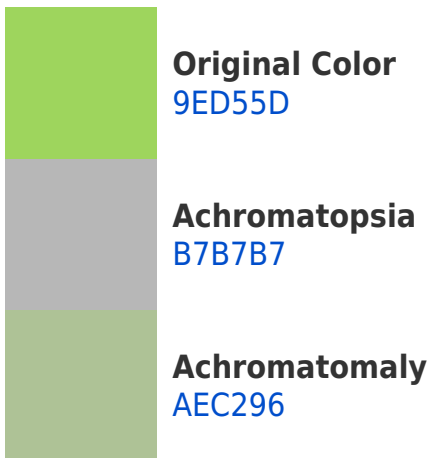


Tritanopia
AFC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9ED55D 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 #9ED55D looks like.

```
.text, #text, p{  
    color:#9ED55D  
}
```

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 #9ED55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED55D
}
```

Border

The CSS property to change the border of an element to Hex 9ED55D 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
#9ED55D }
```

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

```
.border{ border-color:#9ED55D }
```

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

Here you see how a box with a 4 pixel #9ED55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED55D; -webkit-box-shadow:4px 4px  
4px 4px #9ED55D; box-shadow:4px 4px 4px  
4px #9ED55D }
```

Background

The CSS property to change the background color of an element to Hex 9ED55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED55D }
```

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

```
.background{ background-color:#9ED55D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor