

Converting Colors

Hex(93E95D)

Have a look what the booklet for
Hex(93E95D) contains.

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Color

Hex(93E95D)

Conversions

Conversions Part 1

Format	Color
Hex	93E95D
RGB	147, 233, 93
RGB Percent	58%, 91%, 36%
CMY	0.4235, 0.0863, 0.6353
CMYK	0.37, 0.00, 0.60, 0.09
HSL	97°, 76%, 64%
HSV	97°, 60%, 91%
XYZ	43.1473, 65.2712, 20.6804
YIQ	191.3260, -6.3160, -61.7720

Conversions

Conversions Part 2

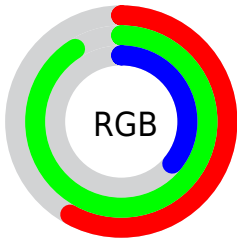
Format	Color
RYB	93, 233, 179
Decimal	9693533
CIELab	84.62, -49.45, 58.52
CIELCh	85, 76.616, 130.194
Yxy	65.2712, 0.3342, 0.5056
Android (android.graphics.Color)	4287883613 (0xFF93E95D)
YUV	191.3260, -48.4747, -38.8739
Hunter-Lab	80.7906, -46.0531, 41.3766

Details

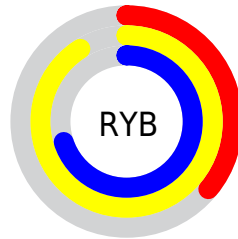
The Hex color **93E95D** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B35DE9**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **CDFF94**, and **59B124** is the 20% darker color. If you saturate the color by 10%, you get **85E946**, and if you desaturate by 10%, it is **A1E974**.

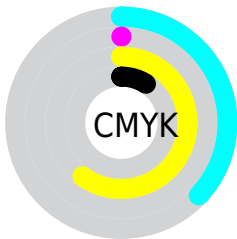
Distribution



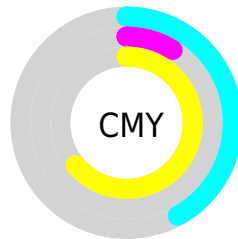
- Red (58%)
- Green (91%)
- Blue (36%)



- Red (36%)
- Yellow (91%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (60%)
- Black (9%)



- Cyan (42%)
- Magenta (9%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93E95D 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 93E95D by changing the saturation by 10% instead.

 93E95D

 93E95D

FFFFFF

 76CC42

 CDFF94

 59B124

 EBFFB0

 3B9500

 FFFFCC

 177B00

 FFFFEE9

 006100

 004900

 003100

 001900

 000000

 93E95D

 93E95D

 85E946

 A1E974

 76E92E

 B0E98C

 68E917

 BEE9A3

 5AE900

 CCE9BA

 DBE9D2

 E9E9E9

 F7E9FF

 FFE9FF

Harmonies

Analogous

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



E2D834



93E95D



00F39F

Triad

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



93E95D



00E8FF



FF8FBD

Complementary

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



93E95D



B35DE9

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.



FF98FF



93E95D



6ED3FF

Square

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



93E95D



00F3FF



F7B5FF



FFA179

Rectangle

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



93E95D



00F6D1



F7B5FF



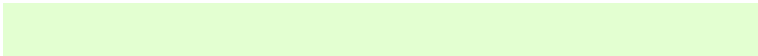
FF8FD6

Sweetspot

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



93E95D



E3FFD1



E9B15D



6E8063



000000



808080

Same Dimension

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



93E95D



8EFF47



5DE96B



6E756A



46B500



153600

Inverse Universe

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



B35DE9



B847FF



E95DDB



716A75



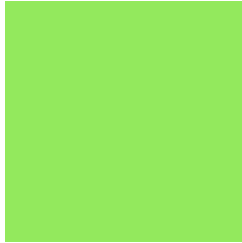
6F00B5



210036

Previews

White Background



This preview shows how the Hex color 93E95D looks on a white background.

Color Contrast Check

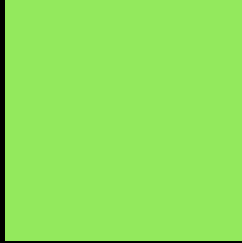
Large Text (above 18pt) WCAG AA × Fail

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 93E95D 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 93E95D Background



This preview shows how black text looks on a background with the Hex color 93E95D.

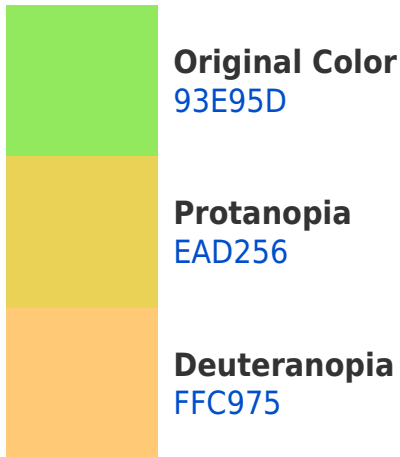


This preview shows how white text looks on a background with the Hex color 93E95D.

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



Original Color
93E95D



Protanomaly
CADA59



Deuteranomaly
D8D56C

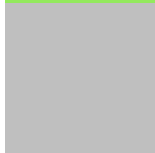


Tritanomaly
A1DFB8

Monochromacy



Original Color
93E95D



Achromatopsia
BFBFBF



Achromatomaly
AFCE9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 93E95D 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 #93E95D looks like.

```
.text, #text, p{  
    color:#93E95D  
}
```

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 #93E95D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E95D  
}
```

Border

The CSS property to change the border of an element to Hex 93E95D 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  
#93E95D }
```

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

```
.border{ border-color:#93E95D }
```

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

Here you see how a box with a 4 pixel #93E95D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E95D; -webkit-box-shadow:4px 4px  
4px 4px #93E95D; box-shadow:4px 4px 4px  
4px #93E95D }
```

Background

The CSS property to change the background color of an element to Hex 93E95D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E95D }
```

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

```
.background{ background-color:#93E95D }
```

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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