

Converting Colors

Hex(93E36C)

Have a look what the booklet for
Hex(93E36C) contains.

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Color

Hex(93E36C)

Conversions

Conversions Part 1

Format	Color
Hex	93E36C
RGB	147, 227, 108
RGB Percent	58%, 89%, 42%
CMY	0.4235, 0.1098, 0.5765
CMYK	0.35, 0.00, 0.52, 0.11
HSL	100°, 68%, 66%
HSV	100°, 52%, 89%
XYZ	42.2085, 62.2239, 23.9732
YIQ	189.5140, -9.4810, -53.9690

Conversions

Conversions Part 2

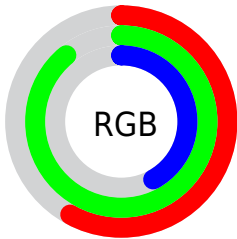
Format	Color
RYB	108, 227, 188
Decimal	9692012
CIELab	83.03, -45.40, 49.98
CIELCh	83, 67.517, 132.250
Yxy	62.2239, 0.3287, 0.4846
Android (android.graphics.Color)	4287882092 (0xFF93E36C)
YUV	189.5140, -40.1864, -37.2848
Hunter-Lab	78.8821, -42.5315, 37.1986

Details

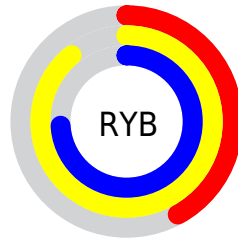
The Hex color **93E36C** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **BC6CE3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **CCFFA2**, and **5BAB37** is the 20% darker color. If you saturate the color by 10%, you get **84E355**, and if you desaturate by 10%, it is **A2E383**.

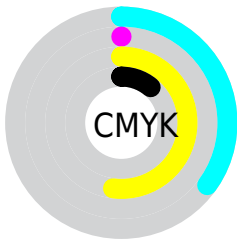
Distribution



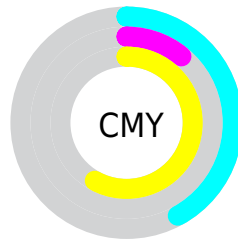
- Red (58%)
- Green (89%)
- Blue (42%)



- Red (42%)
- Yellow (89%)
- Blue (74%)



- Cyan (35%)
- Magenta (0%)
- Yellow (52%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93E36C 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 93E36C by changing the saturation by 10% instead.

 93E36C

 93E36C

FFFFFF

 77C752

 CCFFA2

 5BAB37

 EAFFBE


 3E901B

 FFFFDA

 1E7600

 FFFFF7

 005C00

 004400

 002E00

 001300

 000000

 93E36C

 93E36C

 84E355

 A2E383

 74E33F

 B2E399

 65E328

 C1E3B0

 56E311

 D0E3C7

 4AE300

 DFE3DE

 EFE3F4

 FEE3FF

 FFE3FF

Harmonies

Analogous

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



D9D44A



93E36C



00ECA6

Triad

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



93E36C



00E0FF



FF96B7

Complementary

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



93E36C



BC6CE3

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.



FF9CF7



93E36C



8BCDFF

Square

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



93E36C



00EBFF



F5B3FF



FFA67C

Rectangle

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



93E36C



00EED2



F5B3FF



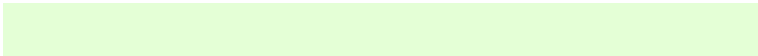
FF96CD

Sweetspot

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



93E36C



E4FFD6



E3BB6C



6F8067



000000



808080

Same Dimension

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



93E36C



93FF5E



6CE380



6B7367



3AB300



113300

Inverse Universe

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



BC6CE3



CA5EFF



E36CCF



6F6773



7800B3



220033

Previews

White Background



This preview shows how the Hex color 93E36C 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 93E36C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

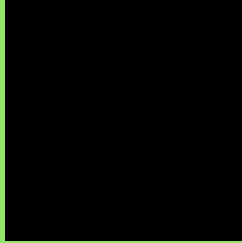
Any Text WCAG AA ✓ Pass

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 93E36C Background



This preview shows how black text looks on a background with the Hex color 93E36C.

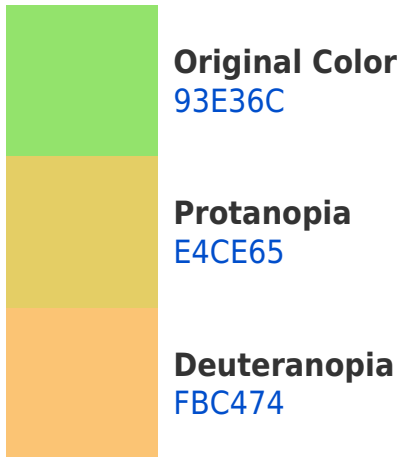


This preview shows how white text looks on a background with the Hex color 93E36C.

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
A7D6E7

Trichromacy



Original Color
93E36C



Protanomaly
C7D668



Deuteranomaly
D5CF71



Tritanomaly
A0DBBA

Monochromacy



Original Color
93E36C



Achromatopsia
BEBEBE



Achromatomaly
AECBA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 93E36C 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 #93E36C looks like.

```
.text, #text, p{  
    color:#93E36C  
}
```

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 #93E36C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E36C
}
```

Border

The CSS property to change the border of an element to Hex 93E36C 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
#93E36C }
```

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

```
.border{ border-color:#93E36C }
```

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

Here you see how a box with a 4 pixel #93E36C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E36C; -webkit-box-shadow:4px 4px  
4px 4px #93E36C; box-shadow:4px 4px 4px  
4px #93E36C }
```

Background

The CSS property to change the background color of an element to Hex 93E36C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E36C }
```

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

```
.background{ background-color:#93E36C }
```

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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