

Converting Colors

Hex(90E937)

Have a look what the booklet for
Hex(90E937) contains.

Hex(90E937)	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(90E937)

Conversions

Conversions Part 1

Format	Color
Hex	90E937
RGB	144, 233, 55
RGB Percent	56%, 91%, 22%
CMY	0.4353, 0.0863, 0.7843
CMYK	0.38, 0.00, 0.76, 0.09
HSL	90°, 80%, 56%
HSV	90°, 76%, 91%
XYZ	41.3301, 64.4830, 13.8826
YIQ	186.0970, 4.0940, -74.2260

Conversions

Conversions Part 2

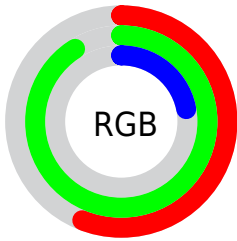
Format	Color
RYB	55, 233, 144
Decimal	9496887
CIELab	84.22, -53.17, 72.13
CIELCh	84, 89.602, 126.395
Yxy	64.4830, 0.3453, 0.5387
Android (android.graphics.Color)	4287686967 (0xFF90E937)
YUV	186.0970, -64.6308, -36.9191
Hunter-Lab	80.3013, -48.6554, 45.9608

Details

The Hex color **90E937** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **9037E9**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **CBFF73**, and **54B100** is the 20% darker color. If you saturate the color by 10%, you get **84E920**, and if you desaturate by 10%, it is **9CE94E**.

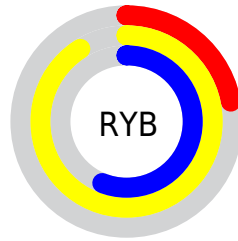
Distribution



Red (56%)

Green (91%)

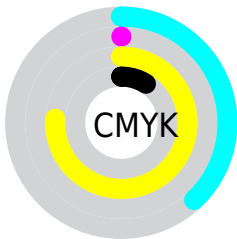
Blue (22%)



Red (22%)

Yellow (91%)

Blue (56%)

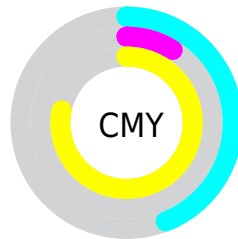


Cyan (38%)

Magenta (0%)

Yellow (76%)

Black (9%)



Cyan (44%)

Magenta (9%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E937 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 90E937 by changing the saturation by 10% instead.

 90E937

 90E937

FFFFFF

 72CC0C


 CBFF73

 54B100

 E9FF8F

 349500

 FFFFAC

 017B00

 FFFFC9

 006100

 FFFFEE

 004800

 003100

 001700

 000000

 90E937

 90E937

 84E920

 9CE94E

 79E908

 A7E966

 75E900

 B3E97D

 BFE994

 CAE9AB

 D6E9C3

 E2E9DA

 EDE9F1

 F9E9FF

Harmonies

Analogous

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



EAD400



90E937



00F48A

Triad

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



90E937



00EDFF



FF79C4

Complementary

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



90E937



9037E9

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.



FF8BFF



90E937



00D6FF

Square

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



90E937



00F7FF



EAB3FF



FF8F72

Rectangle

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



90E937



00F8C5



EAB3FF



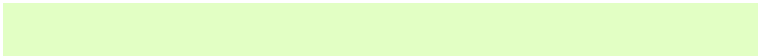
FF7BE0

Sweetspot

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



90E937



E2FFC4



E99037



6E805C



000000



808080

Same Dimension

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



90E937



8AFF14



37E937



6F756A



5BB500



1B3600

Inverse Universe

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



9037E9



8A14FF



E937E9



6F6A75



5B00B5



1B0036

Previews

White Background



This preview shows how the Hex color 90E937 looks on a white background.

Color Contrast Check

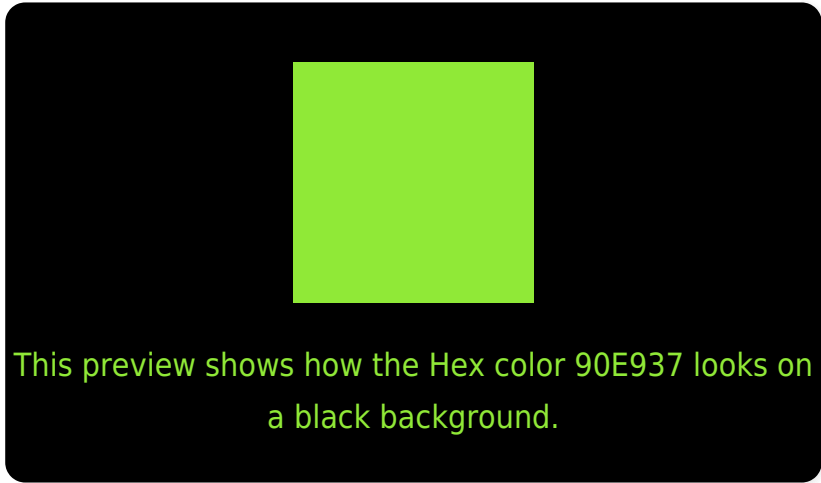
Large Text (above 18pt) WCAG AA × Fail

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 90E937 Background



This preview shows how black text looks on a background with the Hex color 90E937.

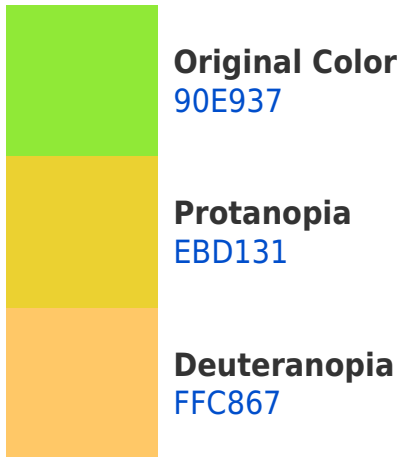


This preview shows how white text looks on a background with the Hex color 90E937.

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
A9D9EB

Trichromacy



Original Color
90E937



Protanomaly
CADA33



Deuteranomaly
D7D456



Tritanomaly
A0DFAA

Monochromacy



Original Color
90E937



Achromatopsia
BABABA



Achromatomaly
ABCB8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 90E937 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 #90E937 looks like.

```
.text, #text, p{  
    color:#90E937  
}
```

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 #90E937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E937
}
```

Border

The CSS property to change the border of an element to Hex 90E937 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
#90E937 }
```

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

```
.border{ border-color:#90E937 }
```

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

Here you see how a box with a 4 pixel #90E937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E937; -webkit-box-shadow:4px 4px  
4px 4px #90E937; box-shadow:4px 4px 4px  
4px #90E937 }
```

Background

The CSS property to change the background color of an element to Hex 90E937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E937 }
```

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

```
.background{ background-color:#90E937 }
```

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