

Converting Colors

Hex(90C95E)

Have a look what the booklet for
Hex(90C95E) contains.

Hex(90C95E)	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(90C95E)

Conversions

Conversions Part 1

Format	Color
Hex	90C95E
RGB	144, 201, 94
RGB Percent	56%, 79%, 37%
CMY	0.4353, 0.2118, 0.6314
CMYK	0.28, 0.00, 0.53, 0.21
HSL	92°, 50%, 58%
HSV	92°, 53%, 79%
XYZ	34.4086, 48.5107, 18.1397
YIQ	171.7590, 0.3750, -45.3610

Conversions

Conversions Part 2

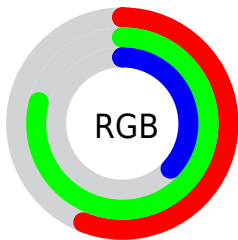
Format	Color
RYB	94, 201, 151
Decimal	9488734
CIELab	75.15, -36.52, 47.10
CIElCh	75, 59.598, 127.788
Yxy	48.5107, 0.3405, 0.4800
Android (android.graphics.Color)	4287678814 (0xFF90C95E)
YUV	171.7590, -38.3352, -24.3446
Hunter-Lab	69.6496, -33.7035, 33.3132

Details

The Hex color **90C95E** 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 **975EC9**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C8FF93**, and **5A932A** is the 20% darker color. If you saturate the color by 10%, you get **85C94A**, and if you desaturate by 10%, it is **9BC972**.

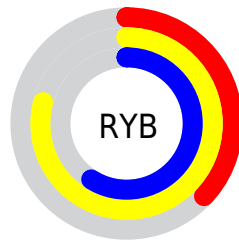
Distribution



Red (56%)

Green (79%)

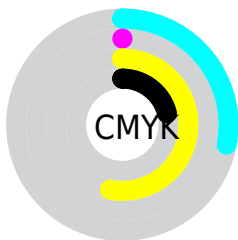
Blue (37%)



Red (37%)

Yellow (79%)

Blue (59%)

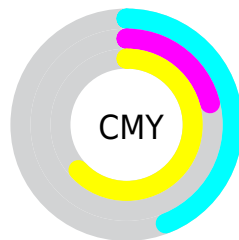


Cyan (28%)

Magenta (0%)

Yellow (53%)

Black (21%)



Cyan (44%)

Magenta (21%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90C95E 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 90C95E by changing the saturation by 10% instead.

 90C95E

 90C95E

FFFFFF

 75AD44

 C8FF93

 5A932A

 E5FFAE

 3F790C

 FFFFCA

 235F00

 FFFF7E

 014700

 003000

 001B00

 000000

 90C95E

 90C95E

 85C94A

 9BC972

 7BC936

 A5C986

 70C922

 B0C99A

 65C90E

 BBC9AE

 5EC900

 C6C9C3

 D0C9D7

 DBC9EB

 E6C9FF

 F0C9FF

Harmonies

Analogous

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



CBBB46



90C95E



37D18D

Triad

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



90C95E



00CAFF



FF89AD

Complementary

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



90C95E



975EC9

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.



FF90E4



90C95E



6EBAFF

Square

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



90C95E



00D2FB



CFA5FF



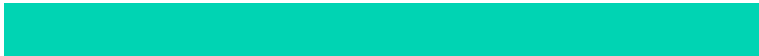
FF9379

Rectangle

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



90C95E



00D4B3



CFA5FF



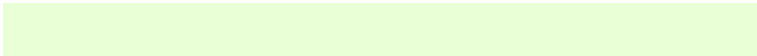
FF89BF

Sweetspot

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



90C95E



E9FFD6



C9955E



738067



000000



808080

Same Dimension

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



90C95E



A8FF5C



5EC960



5E635A



4CA300



112400

Inverse Universe

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



975EC9



B35CFF



C95EC7



5F5A63



5700A3



130024

Previews

White Background



This preview shows how the Hex color 90C95E looks on a white background.

Color Contrast Check

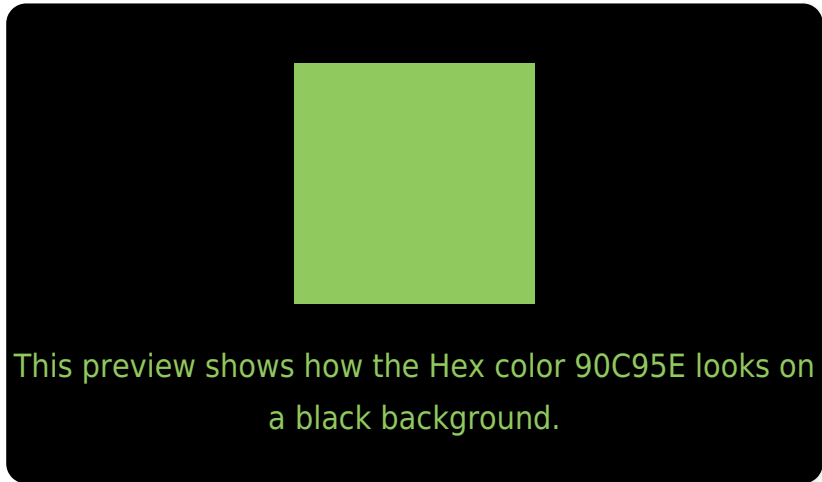
Large Text (above 18pt) WCAG AA × Fail

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 90C95E Background



This preview shows how black text looks on a background with the Hex color 90C95E.

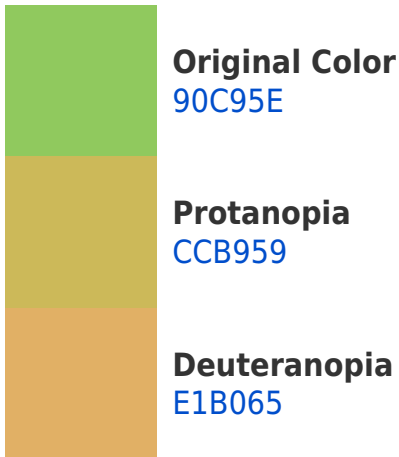


This preview shows how white text looks on a background with the Hex color 90C95E.

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
90C95E

Protanomaly
B6BF5B

Deuteranomaly
C4B962

Tritanomaly
9AC1A4

Monochromacy



Original Color
90C95E

Achromatopsia
ACACAC

Achromatomaly
A2B790

CSS Examples

Text

The CSS property to change the color of the text to Hex 90C95E 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 #90C95E looks like.

```
.text, #text, p{  
    color:#90C95E  
}
```

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 #90C95E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90C95E
}
```

Border

The CSS property to change the border of an element to Hex 90C95E 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
#90C95E }
```

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

```
.border{ border-color:#90C95E }
```

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

Here you see how a box with a 4 pixel #90C95E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90C95E; -webkit-box-shadow:4px 4px  
4px 4px #90C95E; box-shadow:4px 4px 4px  
4px #90C95E }
```

Background

The CSS property to change the background color of an element to Hex 90C95E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90C95E }
```

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

```
.background{ background-color:#90C95E }
```

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