

Converting Colors

Hex(90C957)

Have a look what the booklet for
Hex(90C957) contains.

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Color

Hex(90C957)

Conversions

Conversions Part 1

Format	Color
Hex	90C957
RGB	144, 201, 87
RGB Percent	56%, 79%, 34%
CMY	0.4353, 0.2118, 0.6588
CMYK	0.28, 0.00, 0.57, 0.21
HSL	90°, 51%, 56%
HSV	90°, 57%, 79%
XYZ	34.1085, 48.3907, 16.5595
YIQ	170.9610, 2.6220, -47.5380

Conversions

Conversions Part 2

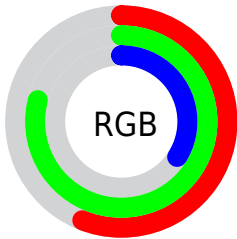
Format	Color
R_{YB}	87, 201, 144
Decimal	9488727
CIE _{Lab}	75.07, -37.23, 50.26
CIE _{LCh}	75, 62.551, 126.530
Yxy	48.3907, 0.3443, 0.4885
Android (android.graphics.Color)	4287678807 (0xFF90C957)
YUV	170.9610, -41.3928, -23.6448
Hunter-Lab	69.5634, -34.2133, 34.5805

Details

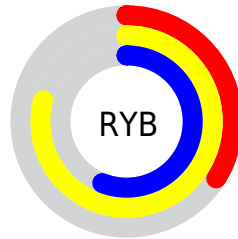
The Hex color **90C957** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9057C9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C8FF8C**, and **599322** is the 20% darker color. If you saturate the color by 10%, you get **86C943**, and if you desaturate by 10%, it is **9AC96B**.

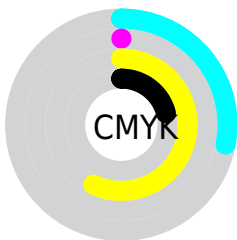
Distribution



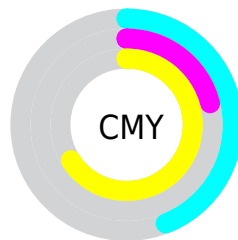
- Red (56%)
- Green (79%)
- Blue (34%)



- Red (34%)
- Yellow (79%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (57%)
- Black (21%)



- Cyan (44%)
- Magenta (21%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90C957 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 90C957 by changing the saturation by 10% instead.



90C957



90C957

FFFFFF



75AD3D



C8FF8C



599322



E5FFA7



3E7900



FFFFC3



225F00



FFFFE0



004700

FFFFFFD



003000



001A00



000000



90C957



90C957

86C943

9AC96B

7CC92F

A4C97F

72C91B

AEC993

68C907

B8C9A7

65C900

C2C9BC

CCC9D0

D6C9E4

E0C9F8

EAC9FF

Harmonies

Analogous

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



CDBA3E



90C957



2ED289

Triad

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



90C957



00CBFF



FF85AE

Complementary

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



90C957



9057C9

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.



FF8EE8



90C957



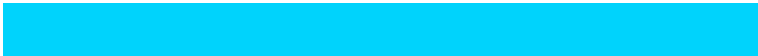
5FBFFF

Square

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



90C957



00D3FC



CDA4FF



FF9077

Rectangle

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



90C957



00D5B0



CDA4FF



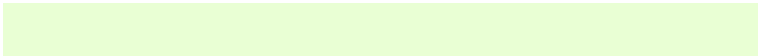
FF86C2

Sweetspot

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



90C957



E9FFD4



C99057



738066



000000



808080

Same Dimension

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



90C957



A8FF52



57C957



5E635A



52A300



122400

Inverse Universe

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



9057C9



A852FF



C957C9



5E5A63



5200A3



120024

Previews

White Background



This preview shows how the Hex color 90C957 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 90C957 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 90C957 Background



This preview shows how black text looks on a background with the Hex color 90C957.

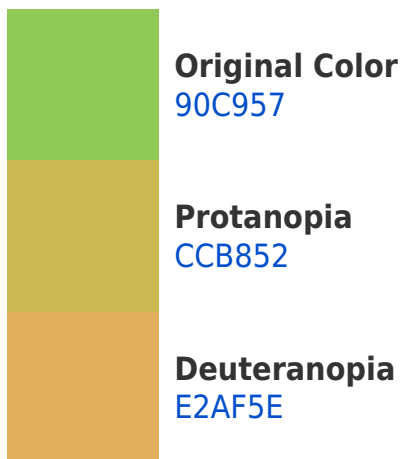


This preview shows how white text looks on a background with the Hex color 90C957.

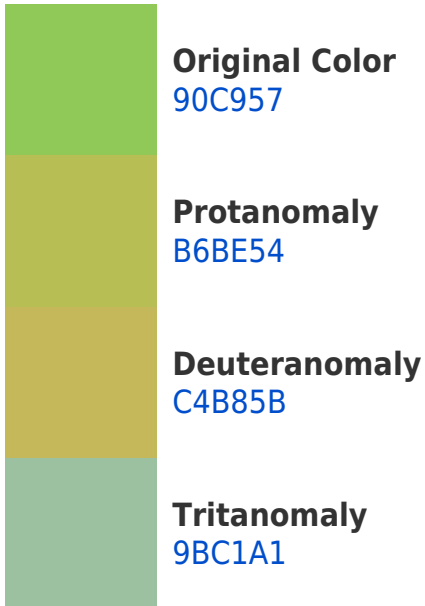
Color Blindness Simulation

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](#).

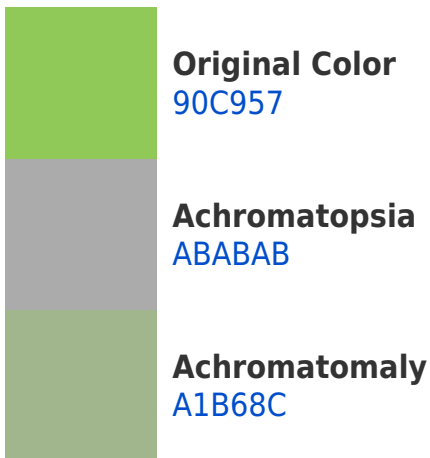
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90C957 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 #90C957 looks like.

```
.text, #text, p{  
    color:#90C957  
}
```

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 #90C957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90C957
}
```

Border

The CSS property to change the border of an element to Hex 90C957 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
#90C957 }
```

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

```
.border{ border-color:#90C957 }
```

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

Here you see how a box with a 4 pixel #90C957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90C957; -webkit-box-shadow:4px 4px  
4px 4px #90C957; box-shadow:4px 4px 4px  
4px #90C957 }
```

Background

The CSS property to change the background color of an element to Hex 90C957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90C957 }
```

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

```
.background{ background-color:#90C957 }
```

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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