

Converting Colors

Hex(91C955)

Have a look what the booklet for
Hex(91C955) contains.

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Color

Hex(91C955)

Conversions

Conversions Part 1

Format	Color
Hex	91C955
RGB	145, 201, 85
RGB Percent	57%, 79%, 33%
CMY	0.4314, 0.2118, 0.6667
CMYK	0.28, 0.00, 0.58, 0.21
HSL	89°, 52%, 56%
HSV	89°, 58%, 79%
XYZ	34.2034, 48.4489, 16.1432
YIQ	171.0320, 3.8600, -47.9480

Conversions

Conversions Part 2

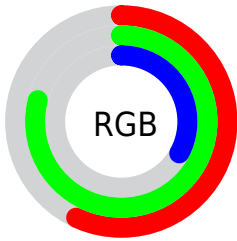
Format	Color
RYB	85, 201, 141
Decimal	9554261
CIELab	75.11, -37.06, 51.23
CIELCh	75, 63.228, 125.884
Yxy	48.4489, 0.3462, 0.4904
Android (android.graphics.Color)	4287744341 (0xFF91C955)
YUV	171.0320, -42.4138, -22.8301
Hunter-Lab	69.6052, -34.0959, 34.9728

Details

The Hex color **91C955** 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 **8D55C9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C9FF8A**, and **5A931F** is the 20% darker color. If you saturate the color by 10%, you get **87C941**, and if you desaturate by 10%, it is **9BC969**.

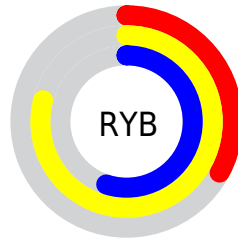
Distribution



Red (57%)

Green (79%)

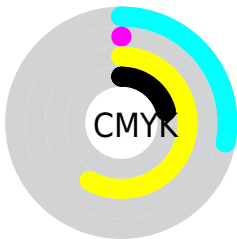
Blue (33%)



Red (33%)

Yellow (79%)

Blue (55%)

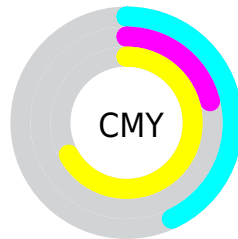


Cyan (28%)

Magenta (0%)

Yellow (58%)

Black (21%)



Cyan (43%)

Magenta (21%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91C955 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 91C955 by changing the saturation by 10% instead.

 91C955

 91C955

FFFFFF

 76AD3B

 C9FF8A

 5A931F

 E7FFA6

 3F7900

 FFFFC2

 235F00

 FFFFDE

 004700

 FFFFFB

 003000

 001A00

 000000

 91C955

 91C955

87C941

9BC969

7EC92D

A4C97D

74C919

AEC991

6AC905

B8C9A5

68C900

C2C9BA

CBC9CE

D5C9E2

DFC9F6

E8C9FF

Harmonies

Analogous

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



CEBA3C



91C955



2FD287

Triad

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



91C955



00CCFF



FF84B0

Complementary

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



91C955



8D55C9

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.



FF8EEA



91C955



59BCFF

Square

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



91C955



00D4FC



CBA5FF



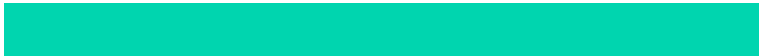
FF8F78

Rectangle

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



91C955



00D5AF



CBA5FF



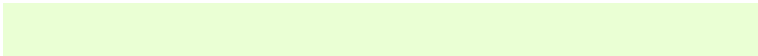
FF85C3

Sweetspot

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



91C955



EAFD4



C98B55



738066



000000



808080

Same Dimension

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



91C955



AAFF4F



59C955



5F635A



54A300



122400

Inverse Universe

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



8D55C9



A44FFF



C555C9



5E5A63



4F00A3



110024

Previews

White Background



This preview shows how the Hex color 91C955 looks on a white background.

Color Contrast Check

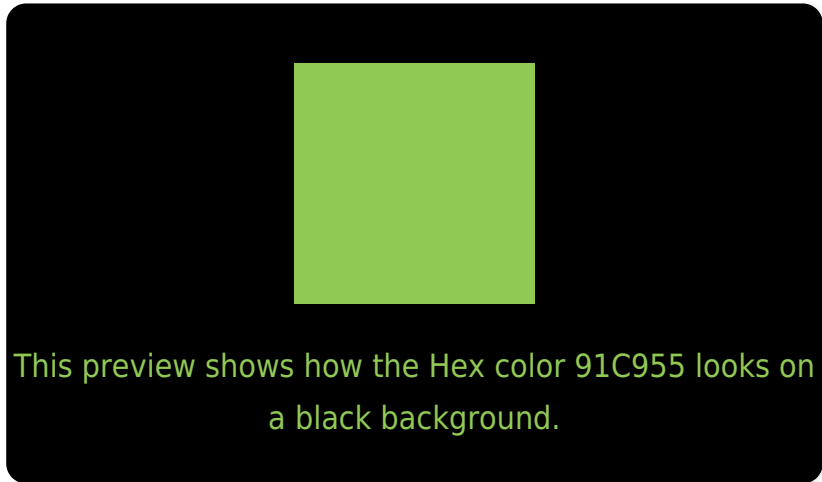
Large Text (above 18pt) WCAG AA × Fail

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 91C955 Background



This preview shows how black text looks on a background with the Hex color 91C955.

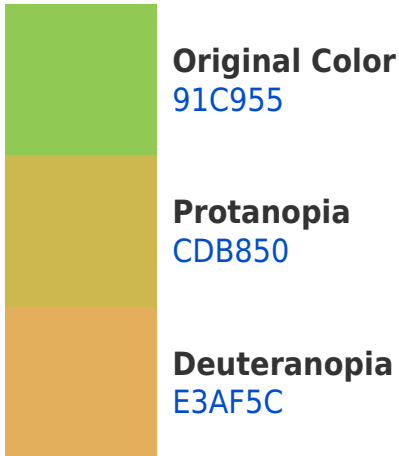


This preview shows how white text looks on a background with the Hex color 91C955.

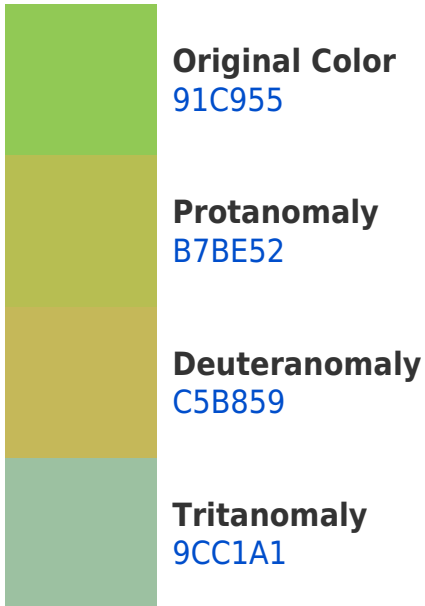
Color Blindness Simulation

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](#).

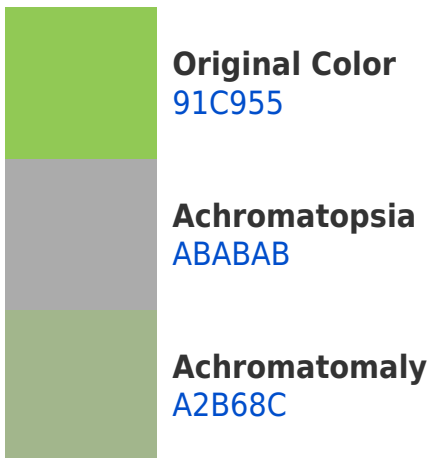
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91C955 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 #91C955 looks like.

```
.text, #text, p{  
    color:#91C955  
}
```

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 #91C955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C955
}
```

Border

The CSS property to change the border of an element to Hex 91C955 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
#91C955 }
```

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

```
.border{ border-color:#91C955 }
```

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

Here you see how a box with a 4 pixel #91C955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C955; -webkit-box-shadow:4px 4px  
4px 4px #91C955; box-shadow:4px 4px 4px  
4px #91C955 }
```

Background

The CSS property to change the background color of an element to Hex 91C955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C955 }
```

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

```
.background{ background-color:#91C955 }
```

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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