

Converting Colors

Hex(91C077)

Have a look what the booklet for
Hex(91C077) contains.

Hex(91C077)	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(91C077)

Conversions

Conversions Part 1

Format	Color
Hex	91C077
RGB	145, 192, 119
RGB Percent	57%, 75%, 47%
CMY	0.4314, 0.2471, 0.5333
CMYK	0.24, 0.00, 0.38, 0.25
HSL	99°, 37%, 61%
HSV	99°, 38%, 75%
XYZ	33.8565, 45.0509, 24.3640
YIQ	169.6250, -4.5790, -32.6670

Conversions

Conversions Part 2

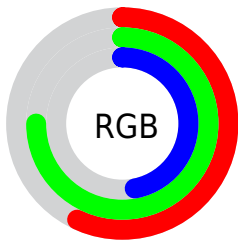
Format	Color
RYB	119, 192, 166
Decimal	9551991
CIELab	72.93, -28.86, 31.90
CIElCh	73, 43.019, 132.140
Yxy	45.0509, 0.3278, 0.4362
Android (android.graphics.Color)	4287742071 (0xFF91C077)
YUV	169.6250, -24.9581, -21.5961
Hunter-Lab	67.1200, -27.4215, 25.4622

Details

The Hex color **91C077** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A677C0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C8F9AC**, and **5D8A45** is the 20% darker color. If you saturate the color by 10%, you get **85C064**, and if you desaturate by 10%, it is **9DC08A**.

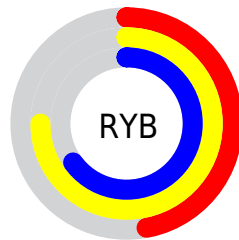
Distribution



Red (57%)

Green (75%)

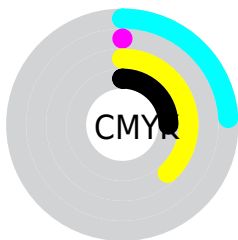
Blue (47%)



Red (47%)

Yellow (75%)

Blue (65%)

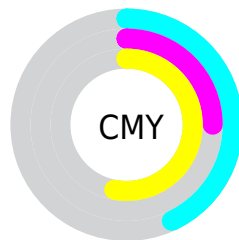


Cyan (24%)

Magenta (0%)

Yellow (38%)

Black (25%)



Cyan (43%)

Magenta (25%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91C077 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 91C077 by changing the saturation by 10% instead.

 91C077

 91C077

FFFFFF

 76A55E

 C8F9AC

 5D8A45

 E5FFC8

 43712E

 FFFFE4

 2A5816


 104000

 002A00

 001200

 000000

 91C077

 91C077

 85C064

 9DC08A

 78C051

 AAC09D

 6CC03D

 B6C0B1

 60C02A

 C2C0C4

 53C017

 CFC0D7

 47C004

 DBC0EA

 44C000

 E8C0FD

 F4C0FF

 FFC0FF

Harmonies

Analogous

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



BCB664



91C077



5DC69A

Triad

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



91C077



45BEFD



FF94A4

Complementary

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



91C077



A677C0

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.



F197CC



91C077



92B1FF

Square

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



91C077



00C5E7



CCA3EE



F89B80

Rectangle

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



91C077



2DC8B5



CCA3EE



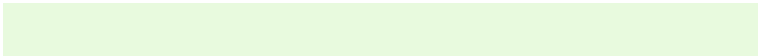
FD94B2

Sweetspot

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



91C077



E8FADE



C0A577



727D6D



FCFCFC



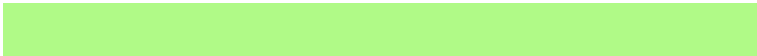
7D7D7D

Same Dimension

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



91C077



B0FA87



77C081



5B6157



39A100



0C2100

Inverse Universe

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



A677C0



D187FA



C077B6



5D5761



6700A1



150021

Previews

White Background



This preview shows how the Hex color 91C077 looks on a white background.

Color Contrast Check

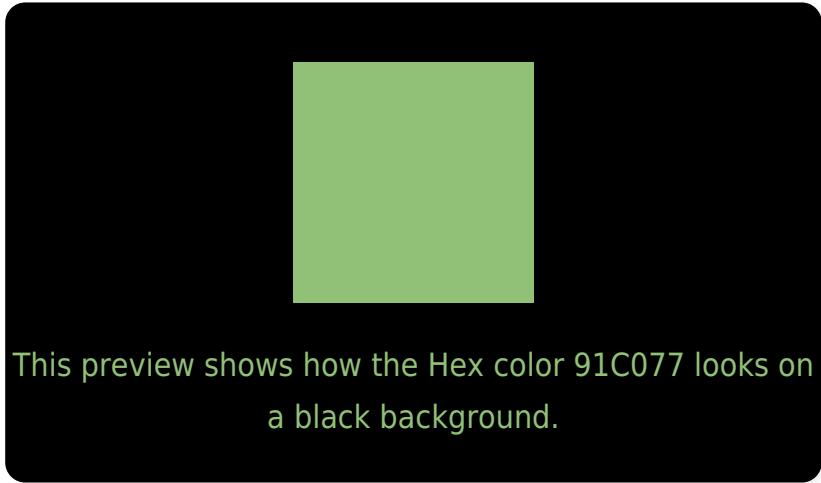
Large Text (above 18pt) WCAG AA × Fail

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 91C077 Background



This preview shows how black text looks on a background with the Hex color 91C077.

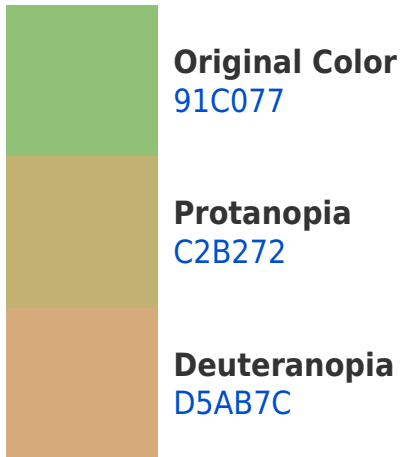


This preview shows how white text looks on a background with the Hex color 91C077.

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](#).

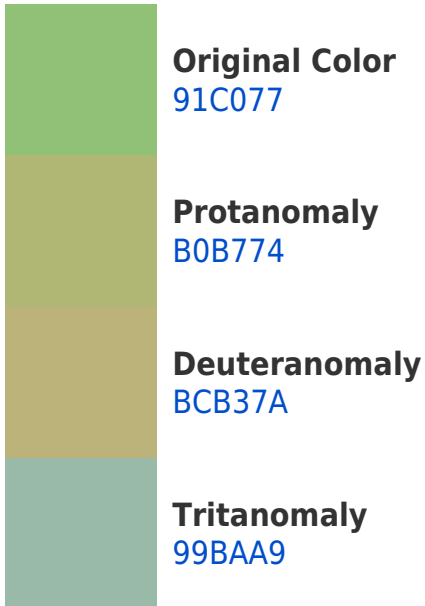
Dichromacy



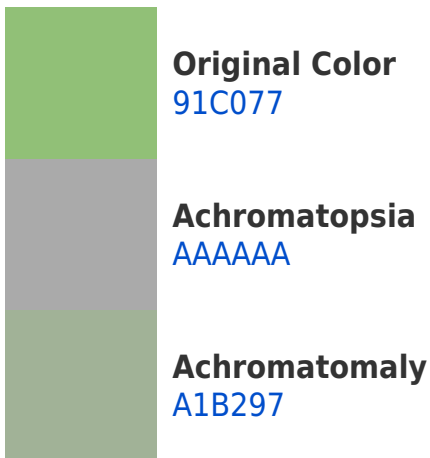


Tritanopia
9DB7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91C077 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 #91C077 looks like.

```
.text, #text, p{  
    color:#91C077  
}
```

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 #91C077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C077
}
```

Border

The CSS property to change the border of an element to Hex 91C077 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
#91C077 }
```

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

```
.border{ border-color:#91C077 }
```

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

Here you see how a box with a 4 pixel #91C077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C077; -webkit-box-shadow:4px 4px  
4px 4px #91C077; box-shadow:4px 4px 4px  
4px #91C077 }
```

Background

The CSS property to change the background color of an element to Hex 91C077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C077 }
```

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

```
.background{ background-color:#91C077 }
```

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