

Converting Colors

Hex(91C46B)

Have a look what the booklet for
Hex(91C46B) contains.

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Color

Hex(91C46B)

Conversions

Conversions Part 1

Format	Color
Hex	91C46B
RGB	145, 196, 107
RGB Percent	57%, 77%, 42%
CMY	0.4314, 0.2314, 0.5804
CMYK	0.26, 0.00, 0.45, 0.23
HSL	94°, 43%, 59%
HSV	94°, 45%, 77%
XYZ	34.0708, 46.5611, 21.1014
YIQ	170.6050, -1.8270, -38.4910

Conversions

Conversions Part 2

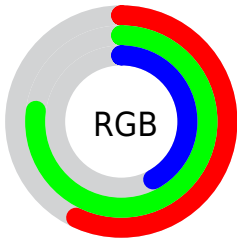
Format	Color
RYB	107, 196, 158
Decimal	9553003
CIELab	73.91, -32.35, 39.27
CIELCh	74, 50.884, 129.480
Yxy	46.5611, 0.3349, 0.4577
Android (android.graphics.Color)	4287743083 (0xFF91C46B)
YUV	170.6050, -31.3573, -22.4556
Hunter-Lab	68.2357, -30.2856, 29.4300

Details

The Hex color **91C46B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9E6BC4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C9FDA0**, and **5C8E39** is the 20% darker color. If you saturate the color by 10%, you get **86C457**, and if you desaturate by 10%, it is **9CC47F**.

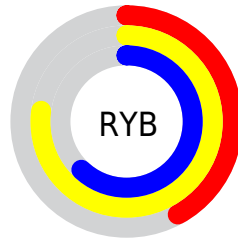
Distribution



Red (57%)

Green (77%)

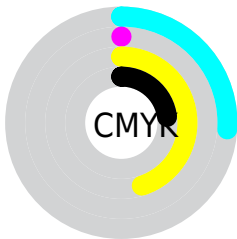
Blue (42%)



Red (42%)

Yellow (77%)

Blue (62%)

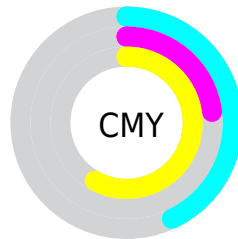


Cyan (26%)

Magenta (0%)

Yellow (45%)

Black (23%)



Cyan (43%)

Magenta (23%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91C46B 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 91C46B by changing the saturation by 10% instead.



91C46B



91C46B

FFFFFF



76A952



C9FDA0



5C8E39



E5FFBB



427420



FFFFD7



285B03



FFFFF4



0D4300



002C00



001600



000000



91C46B



91C46B

 86C457

 9CC47F

 7BC444

 A7C492

 6FC430

 B3C4A6

 64C41D

 BEC4B9

 59C409

 C9C4CD

 54C400

 D4C4E1

 E0C4F4

 EBC4FF

 F6C4FF

Harmonies

Analogous

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



C4B856



91C46B



4ECB93

Triad

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



91C46B



00C3FF



FF8FA8

Complementary

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



91C46B



9E6BC4

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.



FB94D7



91C46B



83B6FF

Square

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



91C46B



00CBF0



CDA4FE



FF977D

Rectangle

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



91C46B



00CDB3



CDA4FE



FF8FB8

Sweetspot

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



91C46B



EBFFDB



C49D6B



73806A



000000



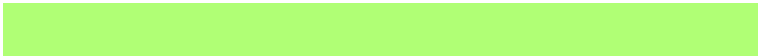
808080

Same Dimension

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



91C46B



B0FF75



6BC471



5B6157



45A100



0E2100

Inverse Universe

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



9E6BC4



C475FF



C46BBE



5D5761



5C00A1



130021

Previews

White Background



This preview shows how the Hex color 91C46B looks on a white background.

Color Contrast Check

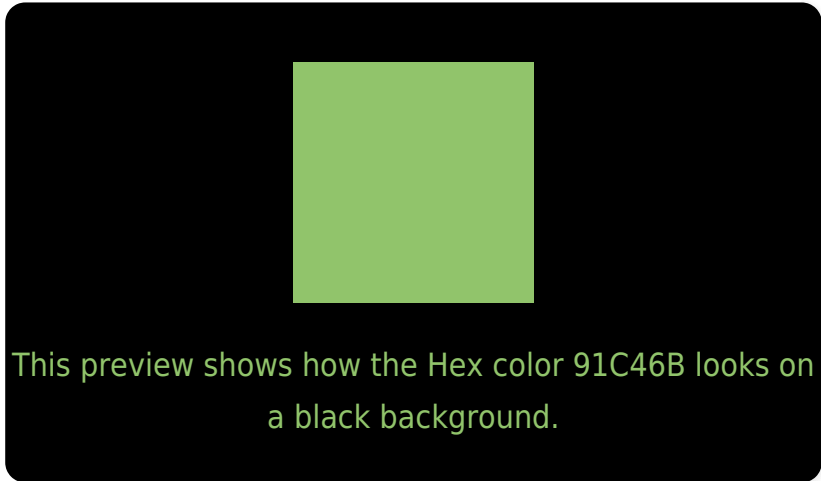
Large Text (above 18pt) WCAG AA × Fail

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 91C46B Background



This preview shows how black text looks on a background with the Hex color 91C46B.

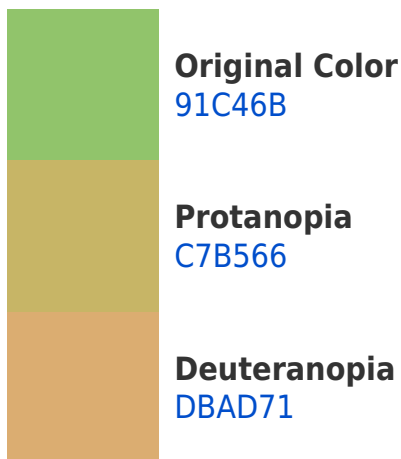


This preview shows how white text looks on a background with the Hex color 91C46B.

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](#).

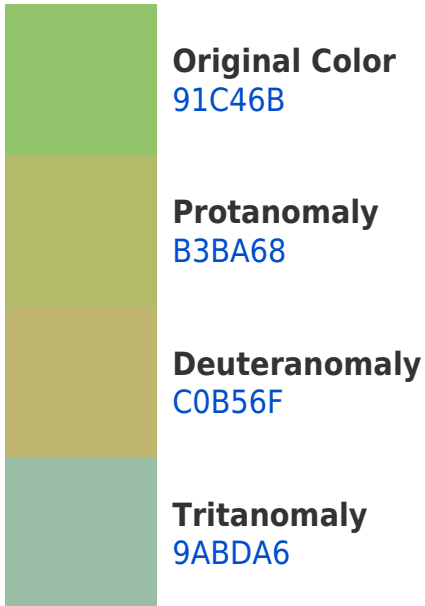
Dichromacy



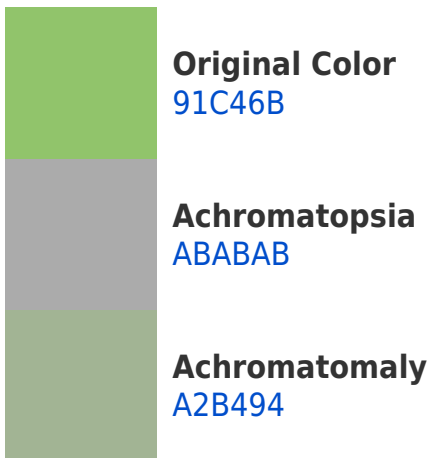


Tritanopia
9FB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91C46B 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 #91C46B looks like.

```
.text, #text, p{  
    color:#91C46B  
}
```

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 #91C46B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C46B
}
```

Border

The CSS property to change the border of an element to Hex 91C46B 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
#91C46B }
```

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

```
.border{ border-color:#91C46B }
```

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

Here you see how a box with a 4 pixel #91C46B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C46B; -webkit-box-shadow:4px 4px  
4px 4px #91C46B; box-shadow:4px 4px 4px  
4px #91C46B }
```

Background

The CSS property to change the background color of an element to Hex 91C46B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C46B }
```

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

```
.background{ background-color:#91C46B }
```

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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