

Converting Colors

Hex(90BA5F)

Have a look what the booklet for
Hex(90BA5F) contains.

Hex(90BA5F)	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(90BA5F)

Conversions

Conversions Part 1

Format	Color
Hex	90BA5F
RGB	144, 186, 95
RGB Percent	56%, 73%, 37%
CMY	0.4353, 0.2706, 0.6275
CMYK	0.23, 0.00, 0.49, 0.27
HSL	88°, 40%, 55%
HSV	88°, 49%, 73%
XYZ	31.1261, 41.8733, 17.2683
YIQ	163.0680, 4.1790, -37.2050

Conversions

Conversions Part 2

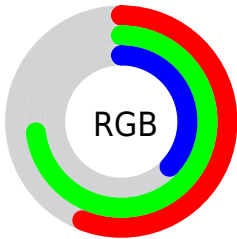
Format	Color
RYB	95, 186, 137
Decimal	9484895
CIELab	70.78, -29.43, 41.37
CIELCh	71, 50.767, 125.426
Yxy	41.8733, 0.3448, 0.4639
Android (android.graphics.Color)	4287674975 (0xFF90BA5F)
YUV	163.0680, -33.5575, -16.7226
Hunter-Lab	64.7096, -27.3813, 29.4747

Details

The Hex color **90BA5F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **895FBA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C7F293**, and **5B852D** is the 20% darker color. If you saturate the color by 10%, you get **87BA4C**, and if you desaturate by 10%, it is **99BA72**.

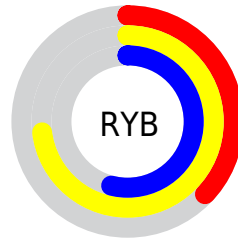
Distribution



Red (56%)

Green (73%)

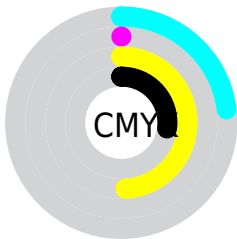
Blue (37%)



Red (37%)

Yellow (73%)

Blue (54%)

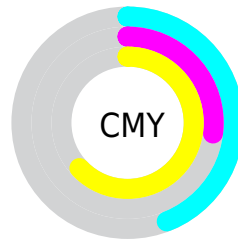


Cyan (23%)

Magenta (0%)

Yellow (49%)

Black (27%)



Cyan (44%)

Magenta (27%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BA5F 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 90BA5F by changing the saturation by 10% instead.

 90BA5F

 90BA5F

FFFFFF

 759F46

 C7F293

 5B852D

 E4FFAF

 416B13

 FFFFC4

 285300

 FFFFEE

 0D3B00

 002600

 000500

 000000

 90BA5F

 90BA5F

 87BA4C

 99BA72

 7FBA3A

 A1BA84

 76BA27

 AABA97

 6EBA15

 B2BAA9

 65BA02

 BBBABC

 64BA00

 C4BACF

 CCBAE1

 D5BAF4

 DDBAFF

Harmonies

Analogous

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



C1AD4E



90BA5F



50C285

Triad

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



90BA5F



00BCFF



FF86A7

Complementary

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



90BA5F



895FBA

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.



ED8DD5



90BA5F



6DAFFF

Square

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



90BA5F



00C3E1



BC9EF9



FF8D7A

Rectangle

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



90BA5F



00C4A4



BC9EF9



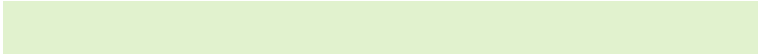
FF87B6

Sweetspot

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



90BA5F



E1F2CE



BA885F



707A64



FAFAFA



7A7A7A

Same Dimension

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



90BA5F



B0F263



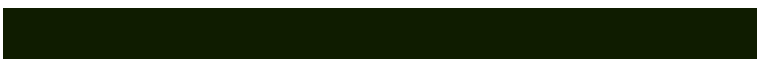
64BA5F



585C53



549C00



0F1C00

Inverse Universe

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



895FBA



A563F2



B55FBA



57535C



48009C



0D001C

Previews

White Background



This preview shows how the Hex color 90BA5F looks on a white background.

Color Contrast Check

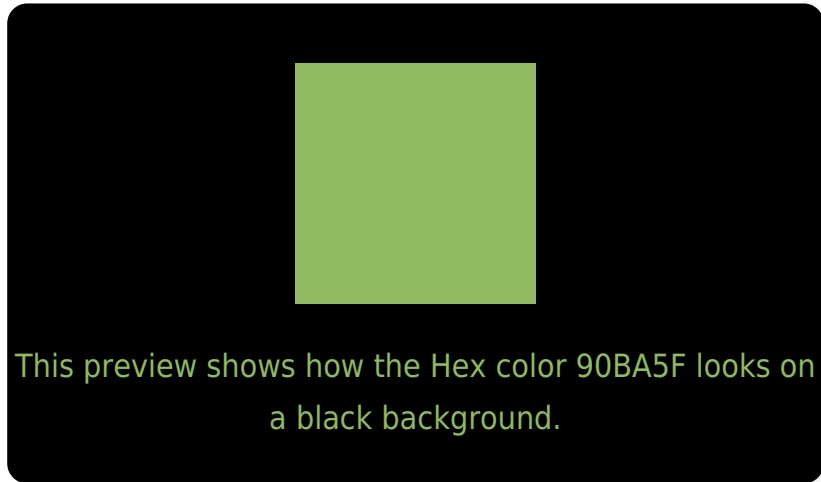
Large Text (above 18pt) WCAG AA × Fail

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 90BA5F Background



This preview shows how black text looks on a background with the Hex color 90BA5F.

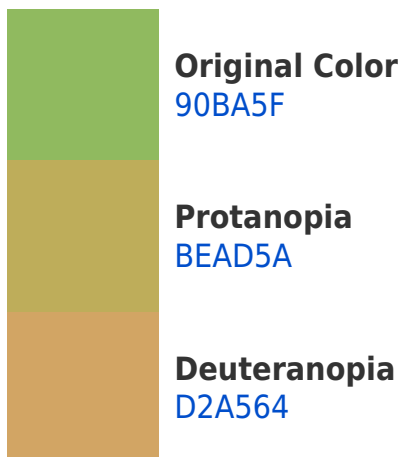


This preview shows how white text looks on a background with the Hex color 90BA5F.

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](#).

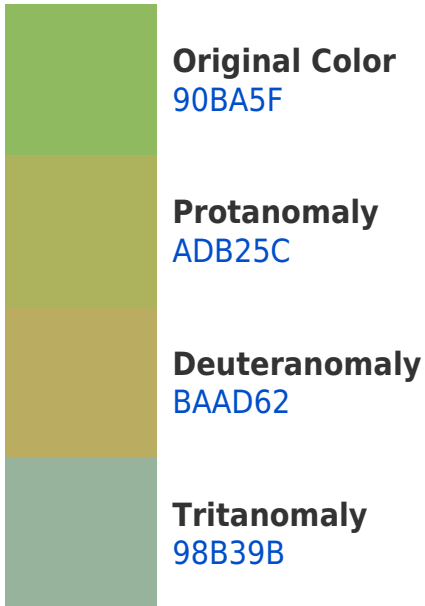
Dichromacy



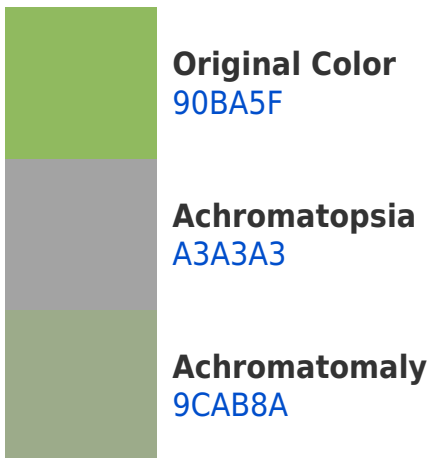


Tritanopia
9DAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90BA5F 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 #90BA5F looks like.

```
.text, #text, p{  
    color:#90BA5F  
}
```

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 #90BA5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BA5F
}
```

Border

The CSS property to change the border of an element to Hex 90BA5F 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
#90BA5F }
```

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

```
.border{ border-color:#90BA5F }
```

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

Here you see how a box with a 4 pixel #90BA5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BA5F; -webkit-box-shadow:4px 4px  
4px 4px #90BA5F; box-shadow:4px 4px 4px  
4px #90BA5F }
```

Background

The CSS property to change the background color of an element to Hex 90BA5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BA5F }
```

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

```
.background{ background-color:#90BA5F }
```

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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