

# Converting Colors

Hex(90BC70)

Have a look what the booklet for  
Hex(90BC70) contains.

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**Color**

**Hex(90BC70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90BC70
RGB	144, 188, 112
RGB Percent	56%, 74%, 44%
CMY	0.4353, 0.2627, 0.5608
CMYK	0.23, 0.00, 0.40, 0.26
HSL	95°, 36%, 59%
HSV	95°, 40%, 74%
XYZ	32.4094, 43.0656, 21.9336
YIQ	166.1800, -1.8280, -32.9640

# Conversions

## Conversions Part 2

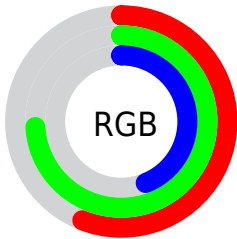
Format	Color
<a href="#">RYB</a>	<a href="#">112, 188, 156</a>
Decimal	<a href="#">9485424</a>
CIELab	<a href="#">71.60, -28.27, 33.79</a>
CIElCh	<a href="#">72, 44.059, 129.916</a>
Yxy	<a href="#">43.0656, 0.3327, 0.4421</a>
Android (android.graphics.Color)	<a href="#">4287675504 (0xFF90BC70)</a>
YUV	<a href="#">166.1800, -26.7107, -19.4519</a>
Hunter-Lab	<a href="#">65.6244, -26.6881, 26.1206</a>

# Details

The Hex color **90BC70** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9C70BC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C7F4A5**, and **5C863E** is the 20% darker color. If you saturate the color by 10%, you get **85BC5D**, and if you desaturate by 10%, it is **9BBC83**.

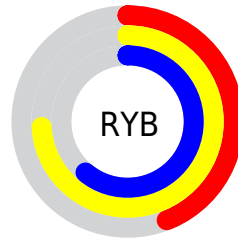
# Distribution



Red (56%)

Green (74%)

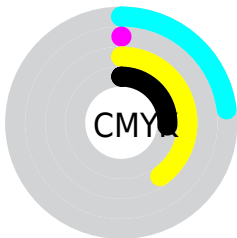
Blue (44%)



Red (44%)

Yellow (74%)

Blue (61%)

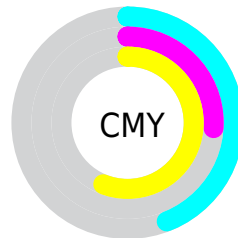


Cyan (23%)

Magenta (0%)

Yellow (40%)

Black (26%)



Cyan (44%)

Magenta (26%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90BC70 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 90BC70 by changing the saturation by 10% instead.





90BC70



90BC70

FFFFFF



75A157



C7F4A5



5C863E



E4FFC0



426D27



FFFFDC



29540E



FFFFF9



113D00



002700



000B00



000000



90BC70



90BC70

 85BC5D

 9BBC83

 7ABC4A

 A6BC96

 6FBC38

 B1BCA8

 64BC25

 BCBCBB

 5ABC12

 C6BCCE

 4FBC00

 D1BCE1

 DCBCF4

 E7BCFF

 F2BCFF

# Harmonies

## Analogous

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



BCB15E



90BC70



5BC292

# Triad

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



90BC70



2FBBFA



FC8FA3

# Complementary

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



90BC70



9C70BC

# 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.



EC93CC



90BC70



88AFFE

# Square

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



90BC70



00C2E2



C5A0ED



F7967E

# Rectangle

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



90BC70



25C4AE



C5A0ED



F98FB1

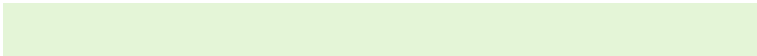


# Sweetspot

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



90BC70



E4F5D7



BC9B70



707A69



FAFAFA



7A7A7A

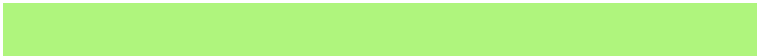


# Same Dimension

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



90BC70



AFF57D



70BC75



595E55



439E00



0D1F00



# Inverse Universe

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



9C70BC



C27DF5



BC70B7



5A555E



5C009E



12001F



# Previews

## White Background



This preview shows how the Hex color 90BC70 looks on a white background.

## Color Contrast Check

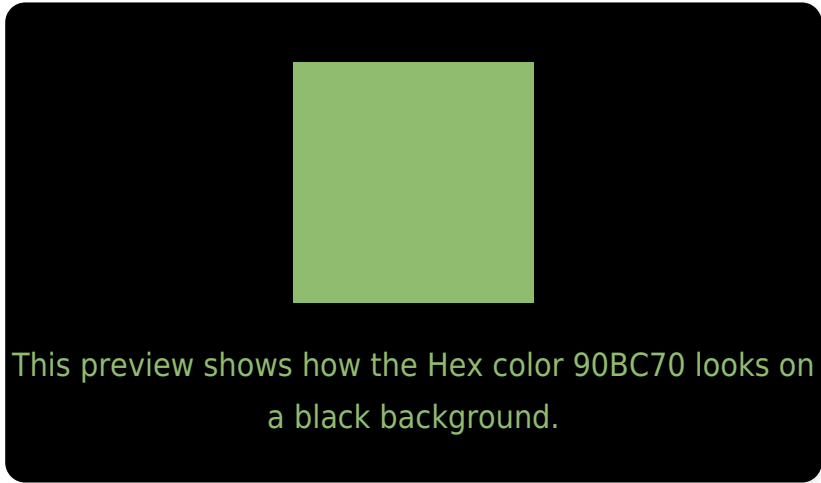
Large Text (above 18pt) WCAG AA × Fail

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 90BC70 Background



This preview shows how black text looks on a background with the Hex color 90BC70.

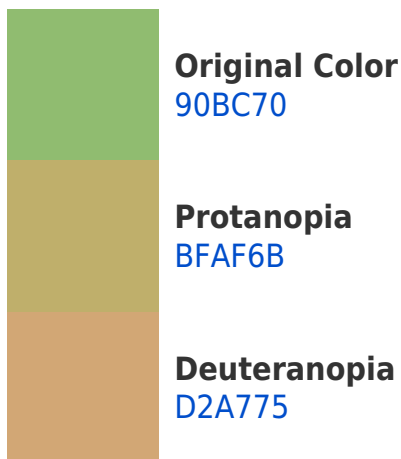


This preview shows how white text looks on a background with the Hex color 90BC70.

# 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](#).

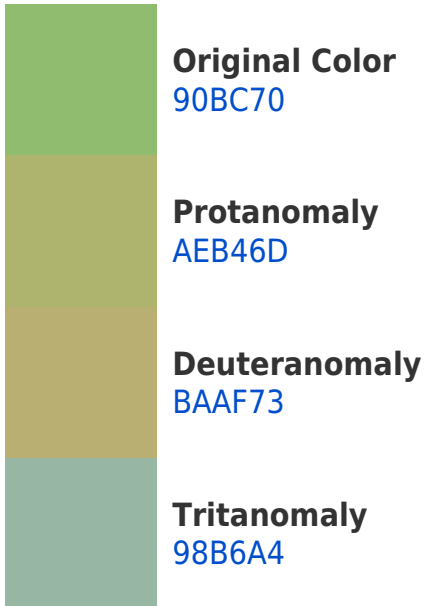
## Dichromacy





**Tritanopia**  
9CB2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90BC70 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 #90BC70 looks like.

```
.text, #text, p{  
    color:#90BC70  
}
```

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 #90BC70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BC70
}
```

## Border

The CSS property to change the border of an element to Hex 90BC70 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
#90BC70 }
```

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

```
.border{ border-color:#90BC70 }
```

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

Here you see how a box with a 4 pixel #90BC70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BC70; -webkit-box-shadow:4px 4px  
4px 4px #90BC70; box-shadow:4px 4px 4px  
4px #90BC70 }
```

# Background

The CSS property to change the background color of an element to Hex 90BC70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BC70 }
```

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

```
.background{ background-color:#90BC70 }
```

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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