

Converting Colors

Hex(90BF62)

Have a look what the booklet for
Hex(90BF62) contains.

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Color

Hex(90BF62)

Conversions

Conversions Part 1

Format	Color
Hex	90BF62
RGB	144, 191, 98
RGB Percent	56%, 75%, 38%
CMY	0.4353, 0.2510, 0.6157
CMYK	0.25, 0.00, 0.49, 0.25
HSL	90°, 42%, 57%
HSV	90°, 49%, 75%
XYZ	32.3370, 44.0727, 18.3578
YIQ	166.3450, 1.8410, -38.8870

Conversions

Conversions Part 2

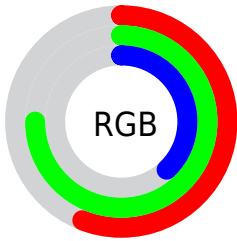
Format	Color
RYB	98, 191, 145
Decimal	9486178
CIELab	72.28, -31.45, 41.71
CIElCh	72, 52.242, 127.017
Yxy	44.0727, 0.3412, 0.4651
Android (android.graphics.Color)	4287676258 (0xFF90BF62)
YUV	166.3450, -33.6941, -19.5966
Hunter-Lab	66.3873, -29.2311, 30.0759

Details

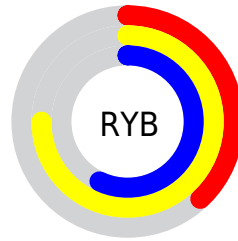
The Hex color **90BF62** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9162BF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C8F897**, and **5B8930** is the 20% darker color. If you saturate the color by 10%, you get **86BF4F**, and if you desaturate by 10%, it is **9ABF75**.

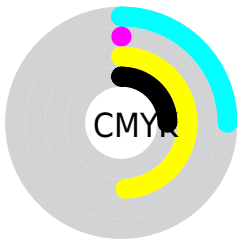
Distribution



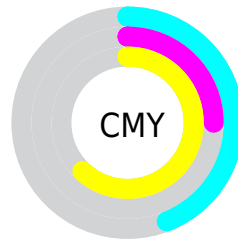
- Red (56%)
- Green (75%)
- Blue (38%)



- Red (38%)
- Yellow (75%)
- Blue (57%)



- Cyan (25%)
- Magenta (0%)
- Yellow (49%)
- Black (25%)



- Cyan (44%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BF62 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 90BF62 by changing the saturation by 10% instead.



90BF62



90BF62

FFFFFF



75A449



C8F897



5B8930



E4FFB2



417016



FFFFCE



275700



FFFFEA



0B3F00



002900



000F00



000000



90BF62



90BF62

86BF4F

9ABF75

7DBF3C

A3BF88

73BF29

ADBF9B

69BF16

B7BFAE

60BF02

C0BFC2

5EBF00

CABFD5

D4BFE8

DDBFFB

E7BFFF

Harmonies

Analogous

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



C3B24F



90BF62



4CC78A

Triad

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



90BF62



00C0FF



FF89A8

Complementary

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



90BF62



9162BF

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.



F58FD8



90BF62



73B3FF

Square

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



90BF62



00C8E9



C4A0FE



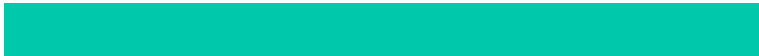
FF917A

Rectangle

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



90BF62



00C9AB



C4A0FE



FF89B8

Sweetspot

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



90BF62



E5F7D2



BF9162



727D66



FCFCFC



7D7D7D

Same Dimension

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



90BF62



AFF768



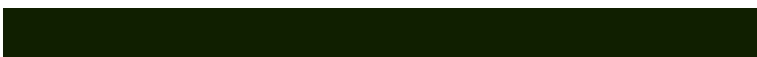
62BF62



5A5E55



4E9E00



0F1F00

Inverse Universe

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



9162BF



B068F7



BF62BF



5A555E



50009E



0F001F

Previews

White Background



This preview shows how the Hex color 90BF62 looks on a white background.

Color Contrast Check

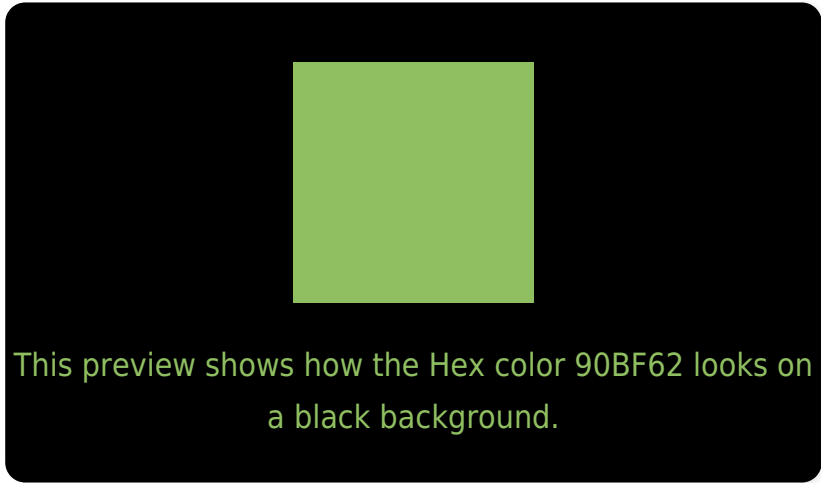
Large Text (above 18pt) WCAG AA × Fail

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 90BF62 Background



This preview shows how black text looks on a background with the Hex color 90BF62.



This preview shows how white text looks on a background with the Hex color 90BF62.

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



Original Color
90BF62

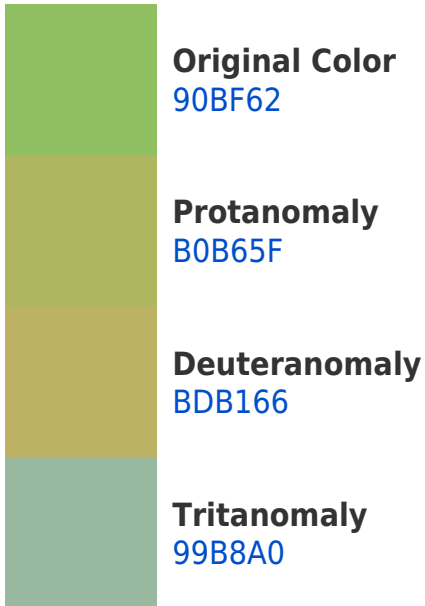
Protanopia
C3B15D

Deuteranopia
D7A968

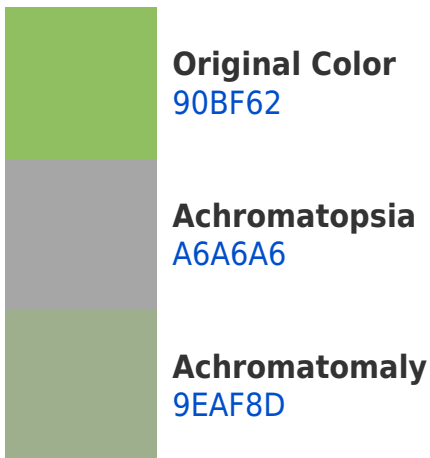


Tritanopia
9EB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90BF62 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 #90BF62 looks like.

```
.text, #text, p{  
    color:#90BF62  
}
```

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 #90BF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BF62
}
```

Border

The CSS property to change the border of an element to Hex 90BF62 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
#90BF62 }
```

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

```
.border{ border-color:#90BF62 }
```

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

Here you see how a box with a 4 pixel #90BF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BF62; -webkit-box-shadow:4px 4px  
4px 4px #90BF62; box-shadow:4px 4px 4px  
4px #90BF62 }
```

Background

The CSS property to change the background color of an element to Hex 90BF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BF62 }
```

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

```
.background{ background-color:#90BF62 }
```

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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