

# Converting Colors

Hex(92BA60)

Have a look what the booklet for  
Hex(92BA60) contains.

|  |    |
|--|----|
| <b>Hex(92BA60)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(92BA60)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 92BA60                     |
| RGB           | 146, 186, 96               |
| RGB Percent   | 57%, 73%, 38%              |
| CMY           | 0.4275, 0.2706, 0.6235     |
| CMYK          | 0.22, 0.00, 0.48, 0.27     |
| HSL           | 87°, 39%, 55%              |
| HSV           | 87°, 48%, 73%              |
| XYZ           | 31.5243, 42.0733, 17.5258  |
| YIQ           | 163.7800, 5.0500, -36.4700 |

# Conversions

## Conversions Part 2

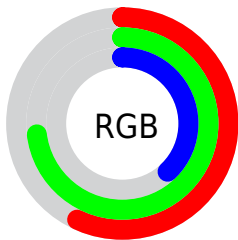
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 96, 186, 136                    |
| Decimal                             | 9615968                         |
| CIELab                              | 70.92, -28.56, 41.07            |
| CIElCh                              | 71, 50.024, 124.812             |
| Yxy                                 | 42.0733, 0.3460,<br>0.4617      |
| Android<br>(android.graphics.Color) | 4287806048<br>(0xFF92BA60)      |
| YUV                                 | 163.7800, -33.4155,<br>-15.5931 |
| Hunter-Lab                          | 64.8640, -26.7598,<br>29.3850   |

# Details

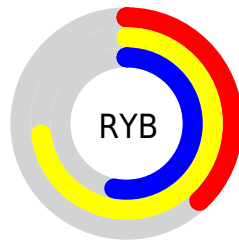
The Hex color **92BA60** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8860BA**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CAF294**, and **5D852E** is the 20% darker color. If you saturate the color by 10%, you get **8ABA4D**, and if you desaturate by 10%, it is **9ABA73**.

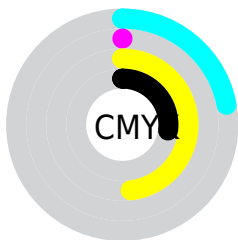
# Distribution



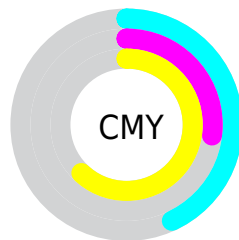
- Red (57%)
- Green (73%)
- Blue (38%)



- Red (38%)
- Yellow (73%)
- Blue (53%)



- Cyan (22%)
- Magenta (0%)
- Yellow (48%)
- Black (27%)



- Cyan (43%)
- Magenta (27%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92BA60 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 92BA60 by changing the saturation by 10% instead.





92BA60



92BA60

FFFFFF



779F47



CAF294



5D852E



E6FFB0



436B14



FFFFCB



2A5300



FFFFE8



103B00



002600



000600



000000



92BA60



92BA60

 8ABA4D

 9ABA73

 81BA3B

 A3BA85

 79BA28

 ABBA98

 71BA16

 B3BAAA

 69BA03

 BBBABD

 67BA00

 C4BAD0

 CCBAE2

 D4BAF5

 DCBAFF

# Harmonies

## Analogous

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



C2AD50



92BA60



54C285

# Triad

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



92BA60



00BDFE



FF87A8

# Complementary

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



92BA60



8860BA

# 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.



EC8ED5



92BA60



6DB0FF

# Square

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



92BA60



00C3E0



BB9FF9



FF8E7C

# Rectangle

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



92BA60



00C4A4



BB9FF9



FE88B7

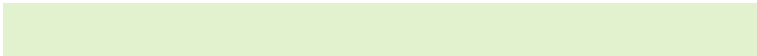


# Sweetspot

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



92BA60



E2F2CE



BA8760



717A64



FAFAFA



7A7A7A



# Same Dimension

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



92BA60



B4F266



66BA60



585C53



569C00



101C00



# Inverse Universe

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



8860BA



A466F2



B460BA



57535C



45009C



0C001C



# Previews

## White Background



This preview shows how the Hex color 92BA60 looks on a white background.

## Color Contrast Check

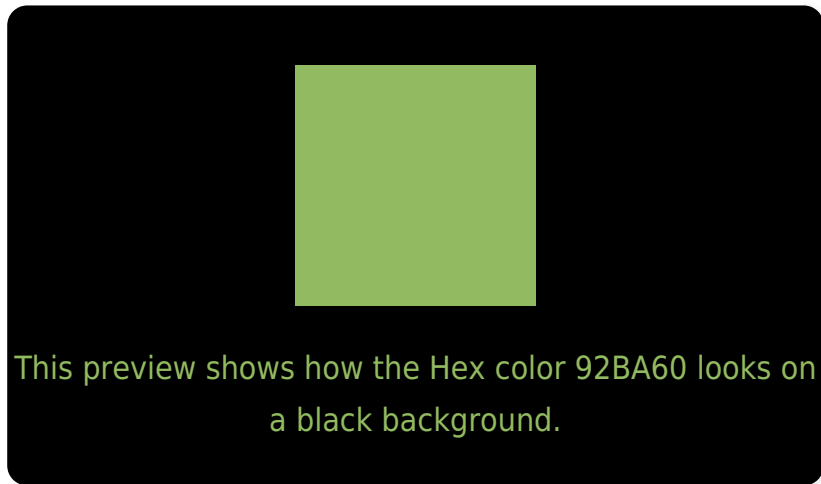
Large Text (above 18pt) WCAG AA × Fail

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 92BA60 Background



This preview shows how black text looks on a background with the Hex color 92BA60.

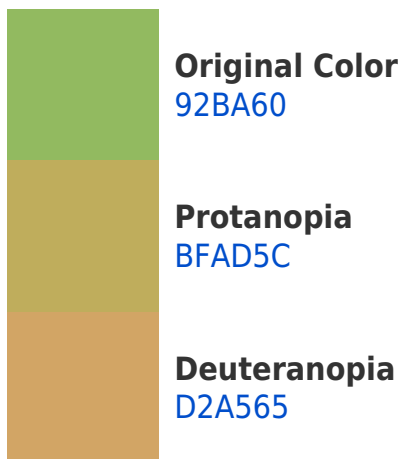


This preview shows how white text looks on a background with the Hex color 92BA60.

# 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](#).

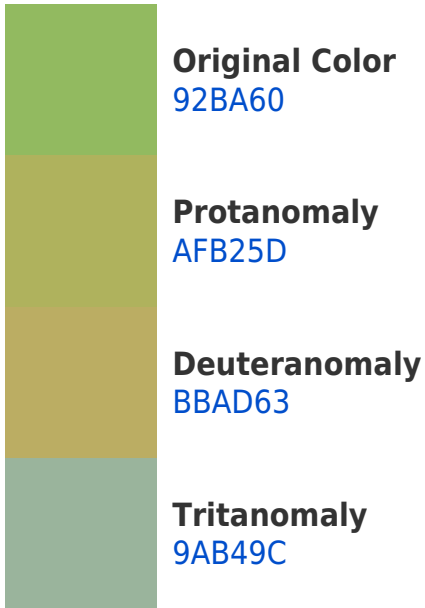
## Dichromacy



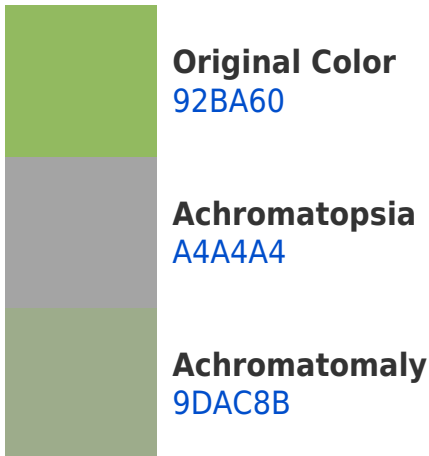


**Tritanopia**  
9FB0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92BA60 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 #92BA60 looks like.

```
.text, #text, p{  
    color:#92BA60  
}
```

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 #92BA60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92BA60
}
```

## Border

The CSS property to change the border of an element to Hex 92BA60 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
#92BA60 }
```

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

```
.border{ border-color:#92BA60 }
```

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

Here you see how a box with a 4 pixel #92BA60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92BA60; -webkit-box-shadow:4px 4px  
4px 4px #92BA60; box-shadow:4px 4px 4px  
4px #92BA60 }
```

# Background

The CSS property to change the background color of an element to Hex 92BA60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92BA60 }
```

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

```
.background{ background-color:#92BA60 }
```

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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