

# Converting Colors

Hex(90A565)

Have a look what the booklet for  
Hex(90A565) contains.

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**Color**

**Hex(90A565)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90A565
RGB	144, 165, 101
RGB Percent	56%, 65%, 40%
CMY	0.4353, 0.3529, 0.6039
CMYK	0.13, 0.00, 0.39, 0.35
HSL	80°, 26%, 52%
HSV	80°, 39%, 65%
XYZ	27.3057, 33.7791, 17.3928
YIQ	151.4250, 8.0280, -24.3560

# Conversions

## Conversions Part 2

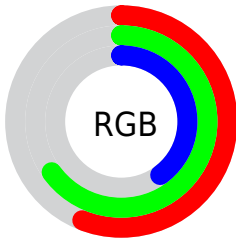
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 165, 122</a>
Decimal	<a href="#">9479525</a>
CIELab	<a href="#">64.79, -18.30, 30.77</a>
CIElCh	<a href="#">65, 35.801, 120.741</a>
Yxy	<a href="#">33.7791, 0.3479, 0.4304</a>
Android (android.graphics.Color)	<a href="#">4287669605 (0xFF90A565)</a>
YUV	<a href="#">151.4250, -24.8595, -6.5117</a>
Hunter-Lab	<a href="#">58.1198, -17.8473, 22.9409</a>

# Details

The Hex color **90A565** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7A65A5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C7DC99**, and **5C7135** is the 20% darker color. If you saturate the color by 10%, you get **8BA554**, and if you desaturate by 10%, it is **95A575**.

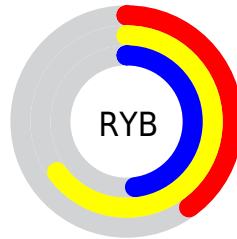
# Distribution



Red (56%)

Green (65%)

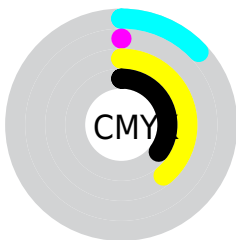
Blue (40%)



Red (40%)

Yellow (65%)

Blue (48%)

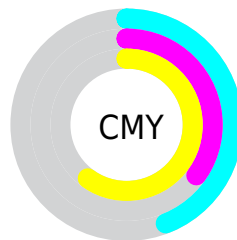


Cyan (13%)

Magenta (0%)

Yellow (39%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A565 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 90A565 by changing the saturation by 10% instead.



 90A565

 90A565

FFFFFF

 768B4C

 C7DC99

 5C7135

 E3F9B4

 44591E

 FFFFD0

 2C4105

 FFFFEC

 162B00

 001800

 000000

 90A565

 90A565

 8BA554

 95A575

 85A544

 9BA586

 80A533

 A0A596

 7AA523

 A6A5A7

 75A512

 ABA5B7

 70A502

 B0A5C8

 6FA500

 B6A5D8

 BBA5E9

 C1A5FA

# Harmonies

## Analogous

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



B19B5D



90A565



6AAB7D

# Triad

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



90A565



35A9D4



D9849E

# Complementary

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



90A565



7A65A5

# 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.



C68ABD



90A565



70A0DD

# Square

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



90A565



0BADBD



A295D4



DA877E

# Rectangle

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



90A565



4DAE92



A295D4



D585A8



# Sweetspot

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



90A565



CED6BC



A57965



666B5C



EBEBEB



6B6B6B



# Same Dimension

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



90A565



B5D672



71A565



4F5249



629100



0C1200



# Inverse Universe

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



7A65A5



9372D6



9965A5



4C4952



300091



060012



# Previews

## White Background



This preview shows how the Hex color 90A565 looks on a white background.

## Color Contrast Check

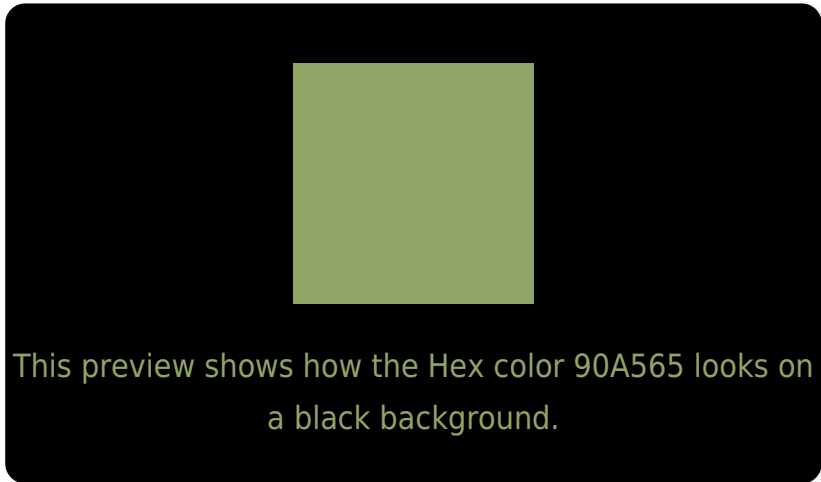
Large Text (above 18pt) WCAG AA × Fail

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

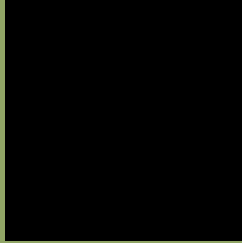
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90A565 Background



This preview shows how black text looks on a background with the Hex color 90A565.



This preview shows how white text looks on a background with the Hex color 90A565.

# 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**  
90A565

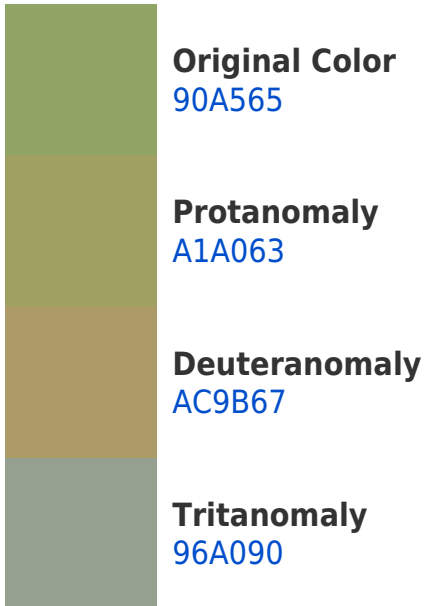
**Protanopia**  
AB9D62

**Deuteranopia**  
BC9668

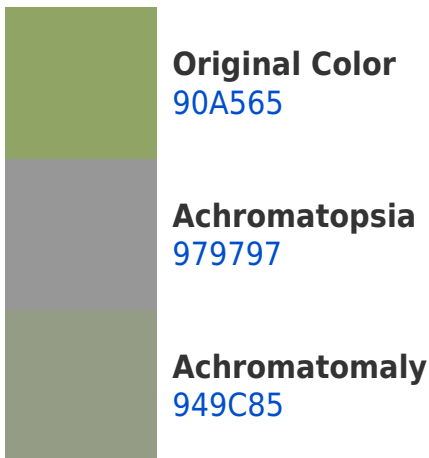


**Tritanopia**  
999DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A565 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 #90A565 looks like.

```
.text, #text, p{  
    color:#90A565  
}
```

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 #90A565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A565
}
```

## Border

The CSS property to change the border of an element to Hex 90A565 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
#90A565 }
```

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

```
.border{ border-color:#90A565 }
```

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

Here you see how a box with a 4 pixel #90A565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A565; -webkit-box-shadow:4px 4px  
4px 4px #90A565; box-shadow:4px 4px 4px  
4px #90A565 }
```

# Background

The CSS property to change the background color of an element to Hex 90A565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A565 }
```

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

```
.background{ background-color:#90A565 }
```

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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