

# Converting Colors

Hex(79A965)

Have a look what the booklet for  
Hex(79A965) contains.

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**Color**

**Hex(79A965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79A965
RGB	121, 169, 101
RGB Percent	47%, 66%, 40%
CMY	0.5255, 0.3373, 0.6039
CMYK	0.28, 0.00, 0.40, 0.34
HSL	102°, 28%, 53%
HSV	102°, 40%, 66%
XYZ	24.4221, 33.3805, 17.4678
YIQ	146.8960, -6.7800, -31.3240

# Conversions

## Conversions Part 2

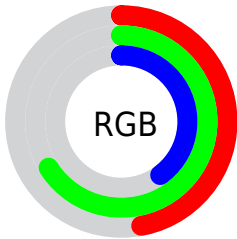
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 169, 149</a>
Decimal	<a href="#">7973221</a>
CIELab	<a href="#">64.47, -28.97, 30.06</a>
CIELCh	<a href="#">64, 41.752, 133.941</a>
Yxy	<a href="#">33.3805, 0.3245, 0.4435</a>
Android (android.graphics.Color)	<a href="#">4286163301 (0xFF79A965)</a>
YUV	<a href="#">146.8960, -22.6267, -22.7108</a>
Hunter-Lab	<a href="#">57.7758, -25.6550, 22.5175</a>

# Details

The Hex color **79A965** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9565A9**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **AFE199**, and **467535** is the 20% darker color. If you saturate the color by 10%, you get **6DA954**, and if you desaturate by 10%, it is **85A976**.

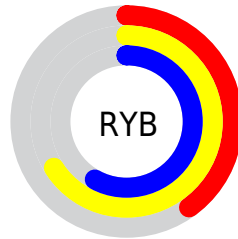
# Distribution



Red (47%)

Green (66%)

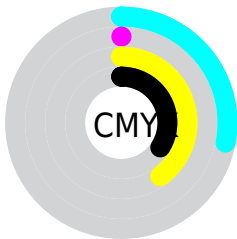
Blue (40%)



Red (40%)

Yellow (66%)

Blue (58%)

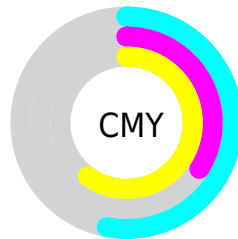


Cyan (28%)

Magenta (0%)

Yellow (40%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79A965 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 79A965 by changing the saturation by 10% instead.



 79A965

 79A965

FFFFFF

 5F8E4C

 AFE199

 467535

 CBFDB4

 2D5C1D

 E7FFD0

 134405

 FFFFEC

 002D00

 001800

 000000

 79A965

 79A965

 6DA954

 85A976

 61A943

 91A987

 55A932

 9DA998

 49A921

 A9A9A9

 3DA910

 B5A9B9

 32A900

 C1A9CA

 CDA9DB

 D8A9EC

 E4A9FD

# Harmonies

## Analogous

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



A3A052



79A965



44AE86

# Triad

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



79A965



2EA6E3



E47E8C

# Complementary

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



79A965



9565A9

# 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.



D881B2



79A965



809AE5

# Square

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



79A965



00ADCF



B68CD2



DC866A

# Rectangle

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



79A965



00B0A0



B68CD2



E27E99



# Sweetspot

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



79A965



C9DBC1



A99565



636E5E



EDEDED



6E6E6E



# Same Dimension

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



79A965



91DB72



65A973



4E544C



2C9400



061400



# Inverse Universe

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



9565A9



BC72DB



A9659B



524C54



680094



0E0014



# Previews

## White Background



This preview shows how the Hex color 79A965 looks on a white background.

## Color Contrast Check

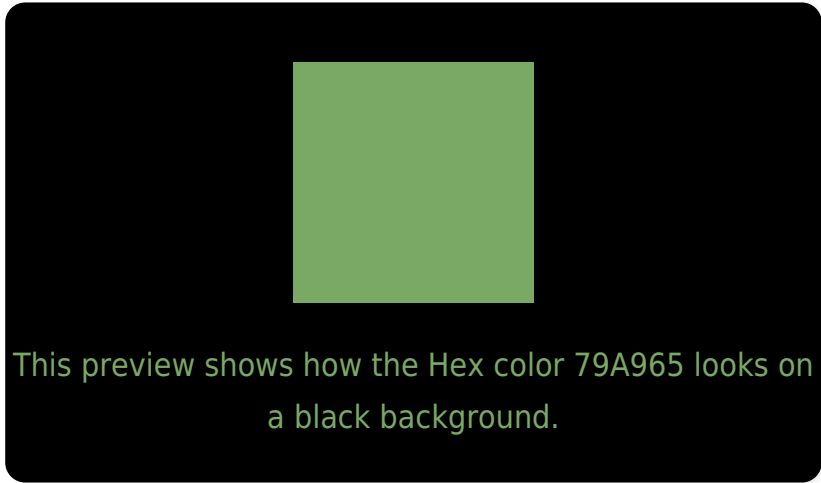
Large Text (above 18pt) WCAG AA × Fail

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 79A965 Background



This preview shows how black text looks on a background with the Hex color 79A965.

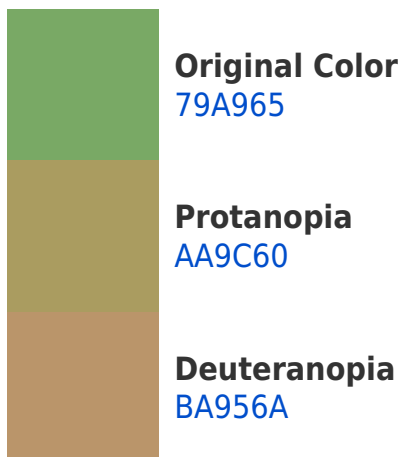


This preview shows how white text looks on a background with the Hex color 79A965.

# 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](#).

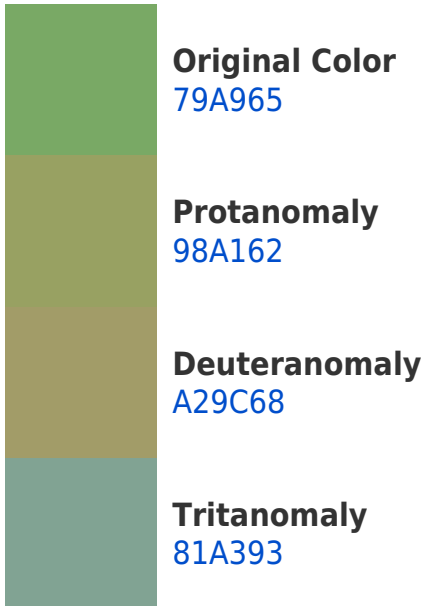
## Dichromacy



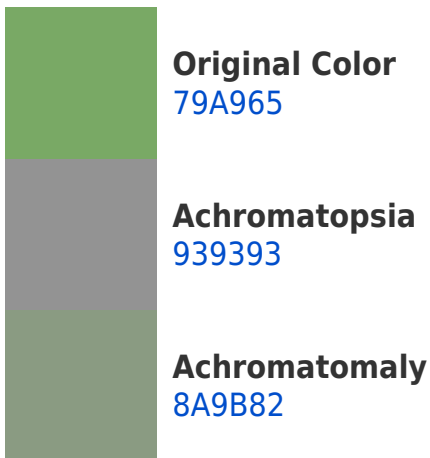


**Tritanopia**  
85A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79A965 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 #79A965 looks like.

```
.text, #text, p{  
    color:#79A965  
}
```

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 #79A965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79A965
}
```

## Border

The CSS property to change the border of an element to Hex 79A965 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
#79A965 }
```

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

```
.border{ border-color:#79A965 }
```

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

Here you see how a box with a 4 pixel #79A965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79A965; -webkit-box-shadow:4px 4px  
4px 4px #79A965; box-shadow:4px 4px 4px  
4px #79A965 }
```

# Background

The CSS property to change the background color of an element to Hex 79A965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79A965 }
```

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

```
.background{ background-color:#79A965 }
```

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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