

# Converting Colors

Hex(799166)

Have a look what the booklet for  
Hex(799166) contains.

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**Color**

**Hex(799166)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	799166
RGB	121, 145, 102
RGB Percent	47%, 57%, 40%
CMY	0.5255, 0.4314, 0.6000
CMYK	0.17, 0.00, 0.30, 0.43
HSL	93°, 17%, 48%
HSV	93°, 30%, 57%
XYZ	20.4088, 25.2751, 16.3733
YIQ	132.9220, -0.5010, -18.4610

# Conversions

## Conversions Part 2

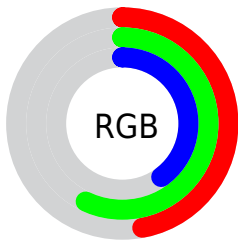
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 145, 126
Decimal	7967078
CIELab	57.34, -16.72, 20.10
CIELCh	57, 26.146, 129.763
Yxy	25.2751, 0.3289, 0.4073
Android (android.graphics.Color)	4286157158 (0xFF799166)
YUV	132.9220, -15.2445, -10.4556
Hunter-Lab	50.2743, -15.5180, 15.8825

# Details

The Hex color **799166** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E6691**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **AEC799**, and **485E37** is the 20% darker color. If you saturate the color by 10%, you get **719158**, and if you desaturate by 10%, it is **819175**.

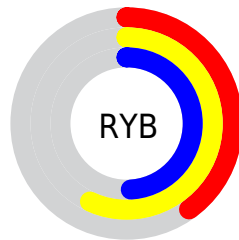
# Distribution



Red (47%)

Green (57%)

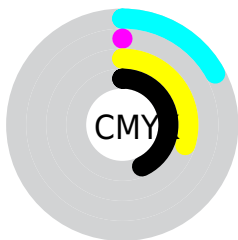
Blue (40%)



Red (40%)

Yellow (57%)

Blue (49%)

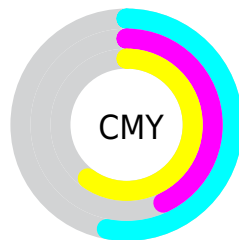


Cyan (17%)

Magenta (0%)

Yellow (30%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 799166 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 799166 by changing the saturation by 10% instead.



 799166

 799166

FFFFFF

 60774E

 AEC799

 485E37

 C9E3B4

 304721

 E6FFD0

 1A300B

 FFFFEC

 001C00

 000000

 799166

 799166

 719158

 819175

 699149

 899183

61913B

919192

59912C

9991A0

51911E

A191AF

48910F

AA91BD

409101

B291CB

409100

BA91DA

C291E9

# Harmonies

## Analogous

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



928B5C



799166



5E9579

# Triad

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



799166



5590B4



B77983

# Complementary

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



799166



7E6691

# 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.



AD7B9A



799166



7789B6

# Square

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



799166



4095A6



9681AD



B47C6E

# Rectangle

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



799166



4E9689



9681AD



B5798B



# Sweetspot

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



799166



B3BDAC



917E66



595E54



DEDEDE



5E5E5E



# Same Dimension

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



799166



97BD79



669168



434740



3C8700



030800



# Inverse Universe

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



7E6691



9F79BD



91668F



444047



4B0087



040008



# Previews

## White Background



This preview shows how the Hex color 799166 looks on a white background.

## Color Contrast Check

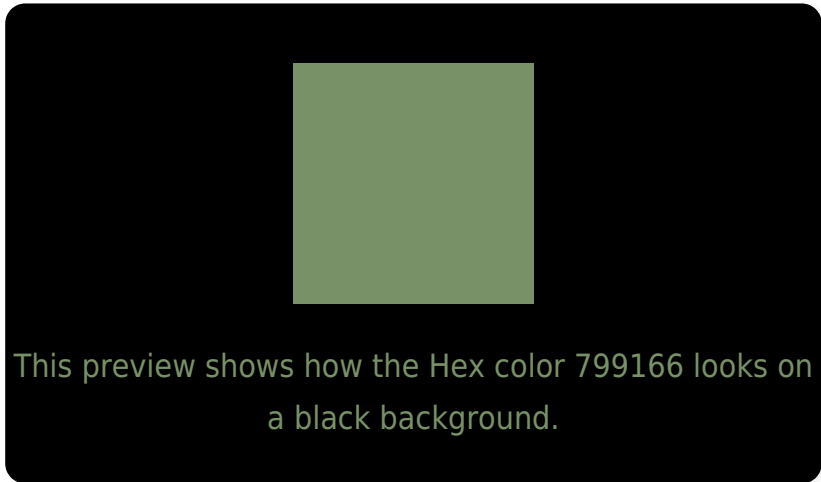
Large Text (above 18pt) WCAG AA ✓ Pass

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

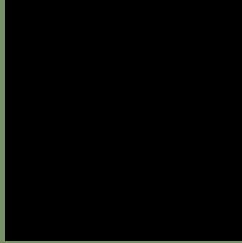
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 799166 Background



This preview shows how black text looks on a background with the Hex color 799166.

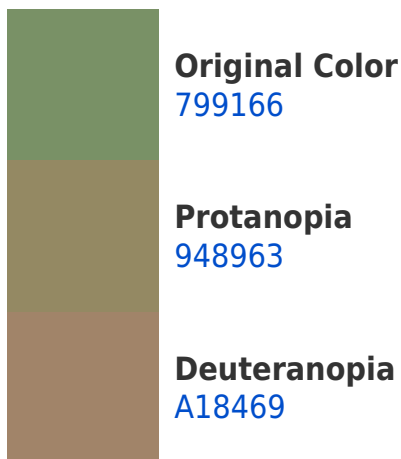


This preview shows how white text looks on a background with the Hex color 799166.

# 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](#).

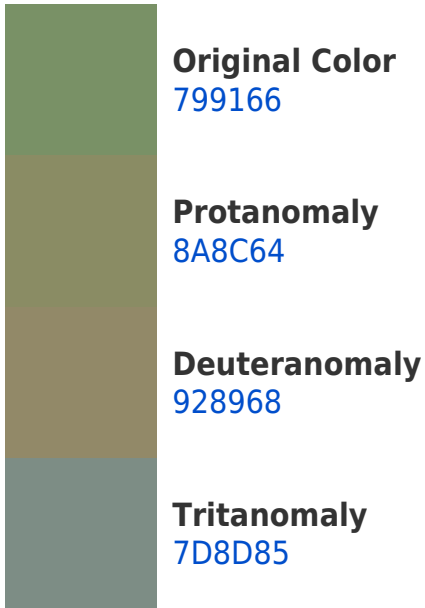
## Dichromacy



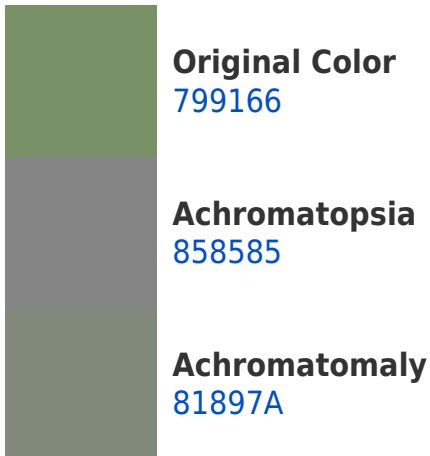


**Tritanopia**  
808B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 799166 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 #799166 looks like.

```
.text, #text, p{  
    color:#799166  
}
```

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 #799166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799166
}
```

## Border

The CSS property to change the border of an element to Hex 799166 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
#799166 }
```

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

```
.border{ border-color:#799166 }
```

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

Here you see how a box with a 4 pixel #799166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799166; -webkit-box-shadow:4px 4px  
4px 4px #799166; box-shadow:4px 4px 4px  
4px #799166 }
```

# Background

The CSS property to change the background color of an element to Hex 799166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799166 }
```

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

```
.background{ background-color:#799166 }
```

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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