

# Converting Colors

Hex(795796)

Have a look what the booklet for  
Hex(795796) contains.

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**Color**

**Hex(795796)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795796
RGB	121, 87, 150
RGB Percent	47%, 34%, 59%
CMY	0.5255, 0.6588, 0.4118
CMYK	0.19, 0.42, 0.00, 0.41
HSL	272°, 27%, 46%
HSV	272°, 42%, 59%
XYZ	16.7984, 13.0833, 30.4941
YIQ	104.3480, 0.0410, 26.8010

# Conversions

## Conversions Part 2

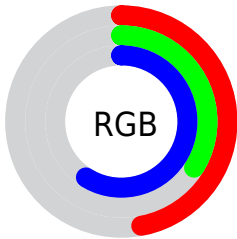
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 87, 150
Decimal	7952278
CIE <sub>Lab</sub>	42.89, 26.76, -29.32
CIE <sub>LCh</sub>	43, 39.699, 312.391
Yxy	13.0833, 0.2782, 0.2167
Android (android.graphics.Color)	4286142358 (0xFF795796)
YUV	104.3480, 22.5064, 14.6038
Hunter-Lab	36.1709, 19.5993, -24.6652

# Details

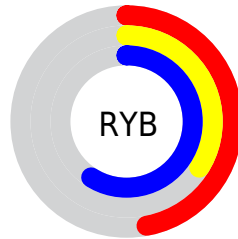
The Hex color **795796** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **749657**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AE89CC**, and **472863** is the 20% darker color. If you saturate the color by 10%, you get **724896**, and if you desaturate by 10%, it is **806696**.

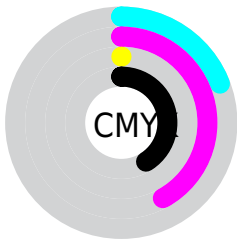
# Distribution



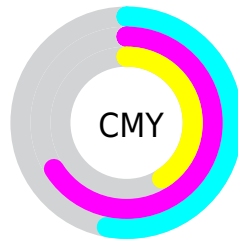
- Red (47%)
- Green (34%)
- Blue (59%)



- Red (47%)
- Yellow (34%)
- Blue (59%)



- Cyan (19%)
- Magenta (42%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (66%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795796 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 795796 by changing the saturation by 10% instead.



 795796

 795796

FFFFFF

 5F3F7C

 AE89CC

 472863

 CAA4E9

 2F124B

 E7BFFF

 1A0034

 FFDBFF

 00021E

 FFF8FF

 000000

 795796

 795796

 724896

 806696

 6B3996

 877596

642A96

8E8496

5D1B96

959396

560C96

9CA296

510096

A2B196

A9C096

B0CF96

B7DE96

# Harmonies

## Analogous

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



4364A5



795796



974B7A

# Triad

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



795796



885D25



007672

# Complementary

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



795796



749657

# 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.



007450



795796



6B6821

# Square

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



795796



9B503B



467032



007491

# Rectangle

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



795796



A14864



467032



007567



# Sweetspot

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



795796



B6A9C2



577496



5A5161



E0E0E0



616161



# Same Dimension

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



795796



9561C2



965794



47434A



4A008A



06000A



# Inverse Universe

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



965774



C2618E



579659



4A4346



8A003F

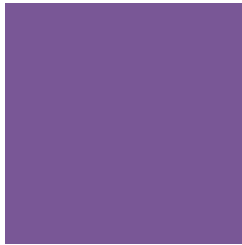


0A0005



# Previews

## White Background



This preview shows how the Hex color 795796 looks on a white background.

## Color Contrast Check

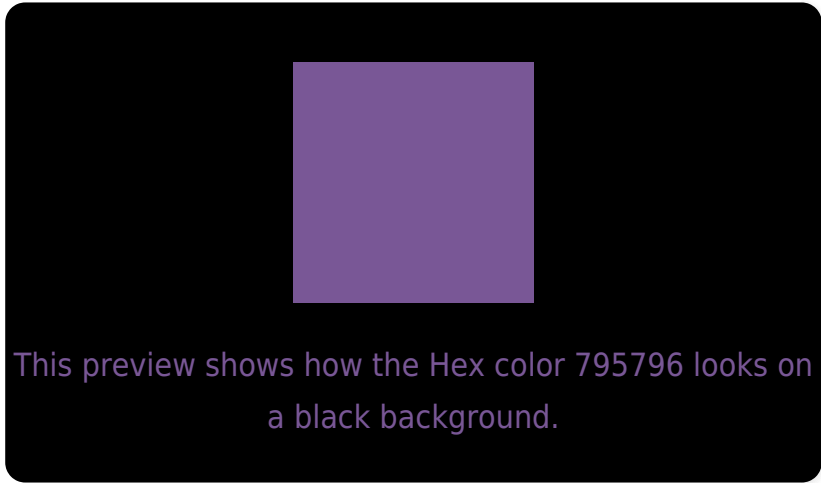
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

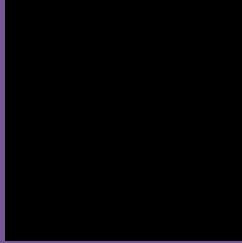
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 795796 Background



This preview shows how black text looks on a background with the Hex color 795796.



This preview shows how white text looks on a background with the Hex color 795796.

# 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**  
716169

# Trichromacy



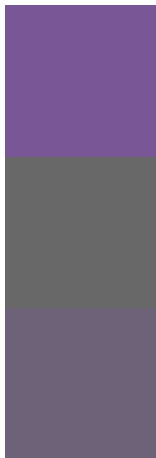
**Original Color**  
795796

**Protanomaly**  
5E5F9D

**Deuteranomaly**  
616094

**Tritanomaly**  
745D79

# Monochromacy



**Original Color**  
795796

**Achromatopsia**  
686868

**Achromatomaly**  
6E6279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795796 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 #795796 looks like.

```
.text, #text, p{  
    color:#795796  
}
```

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 #795796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795796
}
```

## Border

The CSS property to change the border of an element to Hex 795796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

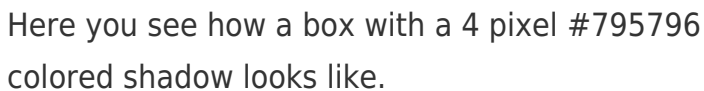
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795796 }
```

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

```
.border{ border-color:#795796 }
```

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



Here you see how a box with a 4 pixel #795796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795796; -webkit-box-shadow:4px 4px  
4px 4px #795796; box-shadow:4px 4px 4px  
4px #795796 }
```

# Background

The CSS property to change the background color of an element to Hex 795796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795796 }
```

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

```
.background{ background-color:#795796 }
```

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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