

# Converting Colors

Hex(7D5995)

Have a look what the booklet for  
Hex(7D5995) contains.

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# Color

**Hex(7D5995)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D5995
RGB	125, 89, 149
RGB Percent	49%, 35%, 58%
CMY	0.5098, 0.6510, 0.4157
CMYK	0.16, 0.40, 0.00, 0.42
HSL	276°, 25%, 47%
HSV	276°, 40%, 58%
XYZ	17.4546, 13.6747, 30.1533
YIQ	106.6040, 2.1960, 26.2920

# Conversions

## Conversions Part 2

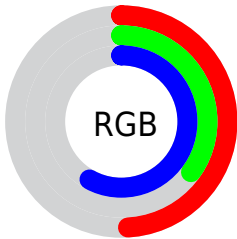
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 89, 149
Decimal	8214933
CIE Lab	43.76, 26.60, -27.32
CIE LCh	44, 38.137, 314.236
Yxy	13.6747, 0.2848, 0.2231
Android (android.graphics.Color)	4286405013 (0xFF7D5995)
YUV	106.6040, 20.9012, 16.1333
Hunter-Lab	36.9793, 19.5404, -22.4602

# Details

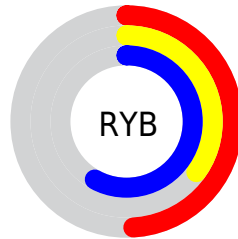
The Hex color **7D5995** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **719559**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B38CCB**, and **4B2A62** is the 20% darker color. If you saturate the color by 10%, you get **774A95**, and if you desaturate by 10%, it is **836895**.

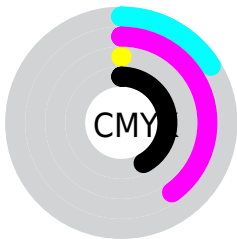
# Distribution



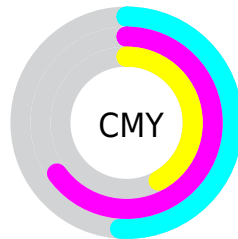
- Red (49%)
- Green (35%)
- Blue (58%)



- Red (49%)
- Yellow (35%)
- Blue (58%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (42%)



- Cyan (51%)
- Magenta (65%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D5995 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 7D5995 by changing the saturation by 10% instead.



 7D5995

 7D5995

FFFFFF

 63417B

 B38CCB

 4B2A62

 CEA6E8

 33144A

 EBC2FF

 1D0033

 FFDEFF

 00021D

 FFFAFF


 000000

 7D5995

 7D5995

 774A95

 836895

 713B95

 897795

6B2C95

8F8695

651D95

959595

5F0E95

9BA395

590095

A1B295

A7C195

ADD095

B3DF95

# Harmonies

## Analogous

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



4C66A5



7D5995



994E79

# Triad

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



7D5995



876029



007776

# Complementary

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



7D5995



719559

# 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.



047655



7D5995



6B6A27

# Square

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



7D5995



9B543D



487238



007593

# Rectangle

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



7D5995



A14C64



487238



00776B



# Sweetspot

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



7D5995



B8ABC2



597195



5B5361



E0E0E0



616161



# Same Dimension

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



7D5995



9D65C2



95598F



47434A



53008A



06000A



# Inverse Universe

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



955971



C2658A



59955F



4A4346



8A0037



0A0004



# Previews

## White Background



This preview shows how the Hex color 7D5995 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

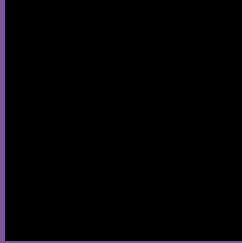
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D5995 Background



This preview shows how black text looks on a background with the Hex color 7D5995.

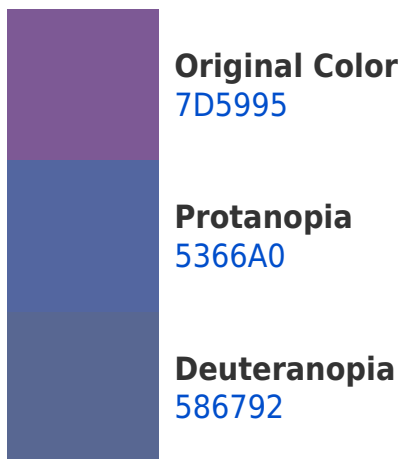



This preview shows how white text looks on a background with the Hex color 7D5995.

# 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**  
76626A

# Trichromacy



**Original Color**  
7D5995

**Protanomaly**  
62619C

**Deuteranomaly**  
656293

**Tritanomaly**  
795F7A

# Monochromacy



**Original Color**  
7D5995

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
72647A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D5995 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 #7D5995 looks like.

```
.text, #text, p{  
    color:#7D5995  
}
```

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 #7D5995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5995
}
```

## Border

The CSS property to change the border of an element to Hex 7D5995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

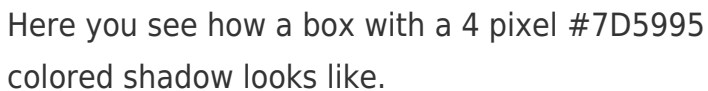
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D5995 }
```

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

```
.border{ border-color:#7D5995 }
```

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



Here you see how a box with a 4 pixel #7D5995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5995; -webkit-box-shadow:4px 4px  
4px 4px #7D5995; box-shadow:4px 4px 4px  
4px #7D5995 }
```

# Background

The CSS property to change the background color of an element to Hex 7D5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5995 }
```

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

```
.background{ background-color:#7D5995 }
```

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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