

# Converting Colors

Hex(755E91)

Have a look what the booklet for  
Hex(755E91) contains.

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# Color

**Hex(755E91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755E91
RGB	117, 94, 145
RGB Percent	46%, 37%, 57%
CMY	0.5412, 0.6314, 0.4314
CMYK	0.19, 0.35, 0.00, 0.43
HSL	267°, 21%, 47%
HSV	267°, 35%, 57%
XYZ	16.4497, 13.8316, 28.5908
YIQ	106.6910, -2.6630, 20.7370

# Conversions

## Conversions Part 2

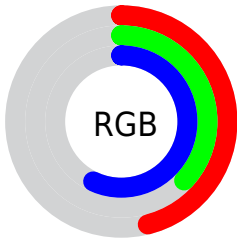
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 94, 145
Decimal	7691921
CIE <sub>Lab</sub>	43.99, 20.06, -24.64
CIE <sub>LCh</sub>	44, 31.773, 309.150
Yxy	13.8316, 0.2794, 0.2349
Android (android.graphics.Color)	4285882001 (0xFF755E91)
YUV	106.6910, 18.8863, 9.0410
Hunter-Lab	37.1909, 13.8670, -19.5461

# Details

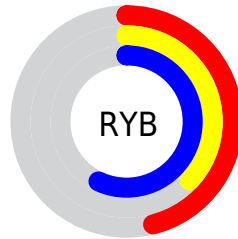
The Hex color **755E91** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A915E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AA91C7**, and **44305E** is the 20% darker color. If you saturate the color by 10%, you get **6D5091**, and if you desaturate by 10%, it is **7D6D91**.

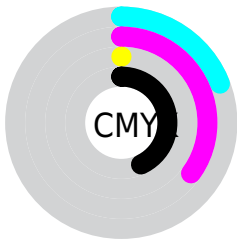
# Distribution



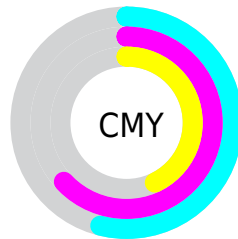
- Red (46%)
- Green (37%)
- Blue (57%)



- Red (46%)
- Yellow (37%)
- Blue (57%)



- Cyan (19%)
- Magenta (35%)
- Yellow (0%)
- Black (43%)



- Cyan (54%)
- Magenta (63%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755E91 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 755E91 by changing the saturation by 10% instead.



■ 755E91

■ 755E91

FFFFFF

■ 5C4677

■ AA91C7

■ 44305E

■ C5ABE3

■ 2C1A46

■ E2C7FF

■ 170230

■ FEE3FF

■ 00011A

■ 000000

■ 755E91

■ 755E91

■ 6D5091

■ 7D6D91

■ 654191

■ 857B91

5D3391

8D8A91

552491

959891

4D1691

9DA791

450791

A5B591

410091

ADC491

B5D291

BDE191

# Harmonies

## Analogous

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



4C689C



755E91



8F557B

# Triad

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



755E91



886037



00766F

# Complementary

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



755E91



7A915E

# 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.



307454



755E91



706933

# Square

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



755E91



975748



54703E



007488

# Rectangle

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



755E91



98536A



54703E



037666



# Sweetspot

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



755E91



B1A8BD



5E7A91



58525E



DEDEDE



5E5E5E



# Same Dimension

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



755E91



916DBD



8E5E91



434047



3D0087



030008



# Inverse Universe

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



915E7A



BD6D99



61915E



474044



87004A

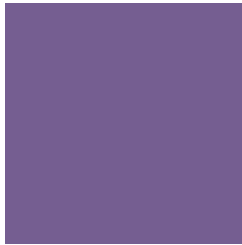


080004



# Previews

## White Background



This preview shows how the Hex color 755E91 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

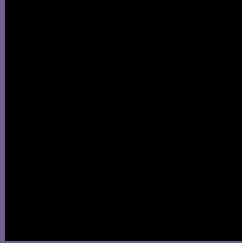
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755E91 Background



This preview shows how black text looks on a background with the Hex color 755E91.

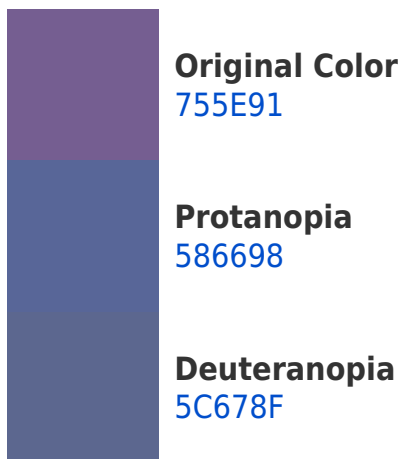


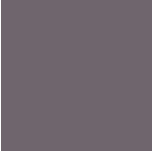
This preview shows how white text looks on a background with the Hex color 755E91.

# 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**  
6F656D

# Trichromacy



**Original Color**  
755E91

**Protanomaly**  
636395

**Deuteranomaly**  
656490

**Tritanomaly**  
71627A

# Monochromacy



**Original Color**  
755E91

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6F6679

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755E91 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 #755E91 looks like.

```
.text, #text, p{  
    color:#755E91  
}
```

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 #755E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755E91
}
```

## Border

The CSS property to change the border of an element to Hex 755E91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

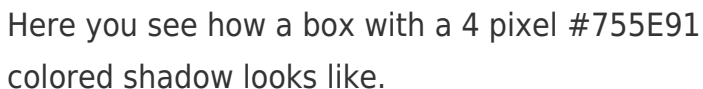
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755E91 }
```

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

```
.border{ border-color:#755E91 }
```

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



Here you see how a box with a 4 pixel #755E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755E91; -webkit-box-shadow:4px 4px  
4px 4px #755E91; box-shadow:4px 4px 4px  
4px #755E91 }
```

# Background

The CSS property to change the background color of an element to Hex 755E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755E91 }
```

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

```
.background{ background-color:#755E91 }
```

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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