

Converting Colors

Hex(755794)

Have a look what the booklet for
Hex(755794) contains.

Hex(755794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(755794)

Conversions

Conversions Part 1

Format	Color
Hex	755794
RGB	117, 87, 148
RGB Percent	46%, 34%, 58%
CMY	0.5412, 0.6588, 0.4196
CMYK	0.21, 0.41, 0.00, 0.42
HSL	270°, 26%, 46%
HSV	270°, 41%, 58%
XYZ	16.0896, 12.7364, 29.6273
YIQ	102.9240, -1.7010, 25.3310

Conversions

Conversions Part 2

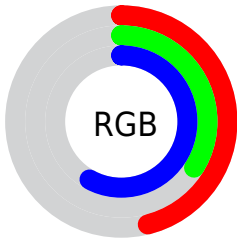
Format	Color
R_{YB}	117, 87, 148
Decimal	7690132
CIE _{Lab}	42.36, 25.03, -28.97
CIE _{LCh}	42, 38.285, 310.818
Yxy	12.7364, 0.2753, 0.2179
Android (android.graphics.Color)	4285880212 (0xFF755794)
YUV	102.9240, 22.2225, 12.3447
Hunter-Lab	35.6881, 18.0206, -24.2393

Details

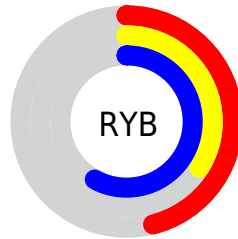
The Hex color **755794** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **769457**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AA89CA**, and **432961** is the 20% darker color. If you saturate the color by 10%, you get **6D4894**, and if you desaturate by 10%, it is **7D6694**.

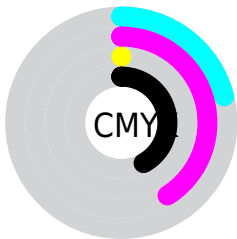
Distribution



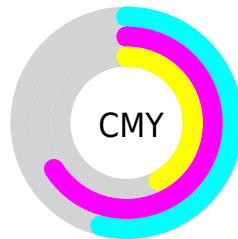
- Red (46%)
- Green (34%)
- Blue (58%)



- Red (46%)
- Yellow (34%)
- Blue (58%)



- Cyan (21%)
- Magenta (41%)
- Yellow (0%)
- Black (42%)



- Cyan (54%)
- Magenta (66%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755794 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 755794 by changing the saturation by 10% instead.

 755794

 755794

FFFFFF

 5C3F7A

 AA89CA

 432961

 C6A4E7

 2B1349

 E2BFFF

 170032

 FFDBFF

 00021C

 FFF8FF

 000000

 755794

 755794

 6D4894

 7D6694

 663994

 847594

■ 5E2B94

■ 8C8394

■ 571C94

■ 939294

■ 4F0D94

■ 9BA194

■ 490094

■ A2B094

■ AABF94

■ B1CD94

■ B9DC94

Harmonies

Analogous

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



4064A2



755794



934C79

Triad

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



755794



865B27



00746F

Complementary

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



755794



769457

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.



0D724E



755794



6B6622

Square

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



755794



994F3C



496E32



00728C

Rectangle

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



755794



9D4864



496E32



007464

Sweetspot

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



755794



B4A8BF



577794



5A5361



E0E0E0



616161

Same Dimension

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



755794



9062BF



935794



46434A



44008A



05000A

Inverse Universe

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



945776



BF6291



589457



4A4346



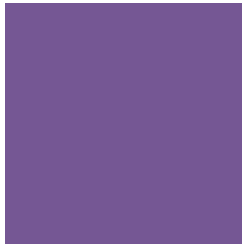
8A0046



0A0005

Previews

White Background



This preview shows how the Hex color 755794 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

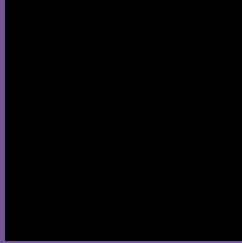
Any Text WCAG AA × Fail

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 755794 Background



This preview shows how black text looks on a background with the Hex color 755794.



This preview shows how white text looks on a background with the Hex color 755794.

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
6E6168

Trichromacy



Original Color
755794

Protanomaly
5C5E9A

Deuteranomaly
5F5F92

Tritanomaly
715D78

Monochromacy



Original Color
755794

Achromatopsia
676767

Achromatomaly
6C6177

CSS Examples

Text

The CSS property to change the color of the text to Hex 755794 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 #755794 looks like.

```
.text, #text, p{  
    color:#755794  
}
```

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 #755794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755794
}
```

Border

The CSS property to change the border of an element to Hex 755794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

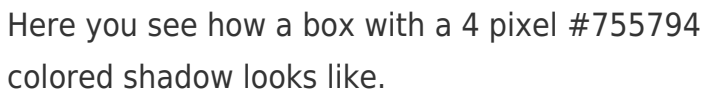
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755794 }
```

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

```
.border{ border-color:#755794 }
```

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



Here you see how a box with a 4 pixel #755794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755794; -webkit-box-shadow:4px 4px  
4px 4px #755794; box-shadow:4px 4px 4px  
4px #755794 }
```

Background

The CSS property to change the background color of an element to Hex 755794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755794 }
```

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

```
.background{ background-color:#755794 }
```

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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