

Converting Colors

Hex(764E85)

Have a look what the booklet for
Hex(764E85) contains.

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Color

Hex(764E85)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 764E85 |
| RGB | 118, 78, 133 |
| RGB Percent | 46%, 31%, 52% |
| CMY | 0.5373, 0.6941, 0.4784 |
| CMYK | 0.11, 0.41, 0.00, 0.48 |
| HSL | 284°, 26%, 41% |
| HSV | 284°, 41%, 52% |
| XYZ | 14.4292, 10.9938, 23.5518 |
| YIQ | 96.2300, 6.1850, 25.5850 |

Conversions

Conversions Part 2

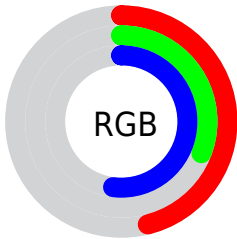
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 118, 78, 133 |
| Decimal | 7753349 |
| CIE _{Lab} | 39.57, 27.20, -24.25 |
| CIE _{LCh} | 40, 36.441, 318.291 |
| Yxy | 10.9938, 0.2946, 0.2245 |
| Android (android.graphics.Color) | 4285943429 (0xFF764E85) |
| YUV | 96.2300, 18.1276, 19.0923 |
| Hunter-Lab | 33.1569, 19.6553, -18.9047 |

Details

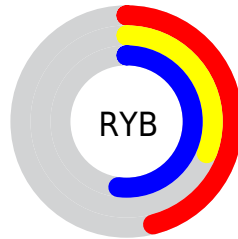
The Hex color **764E85** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5D854E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AB80BA**, and **442053** is the 20% darker color. If you saturate the color by 10%, you get **724185**, and if you desaturate by 10%, it is **7A5B85**.

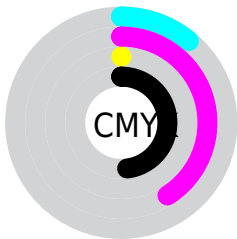
Distribution



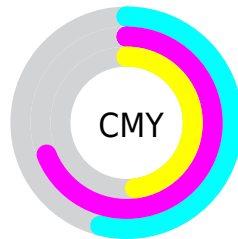
- Red (46%)
- Green (31%)
- Blue (52%)



- Red (46%)
- Yellow (31%)
- Blue (52%)



- Cyan (11%)
- Magenta (41%)
- Yellow (0%)
- Black (48%)



- Cyan (54%)
- Magenta (69%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764E85 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 764E85 by changing the saturation by 10% instead.

764E85

764E85

FFFFFF

5D366C

AB80BA

442053

C79AD6

2D093C

E3B5F3

1B0026

FFD1FF

00010F

FFEDFF

000000

764E85

764E85

724185

7A5B85

6F3385

7D6985

6B2685

817685

671985

858385

640B85

889185

610085

8C9E85

8FAB85

93B885

97C685

Harmonies

Analogous

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



4B5A96



764E85



8E456A

Triad

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



764E85



785821



006C6F

Complementary

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



764E85



5D854E

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.



006B50



764E85



5C6121

Square

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



764E85



8C4C32



3A6834



006A89

Rectangle

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



764E85



944356



3A6834



006C65

Sweetspot

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



764E85



A899AD



4E5E85



534B57



D6D6D6



575757

Same Dimension

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



764E85



9657AD



854E79



403C42



5F0082



020003

Inverse Universe

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



854E5D



AD576E



4E855A



423C3D



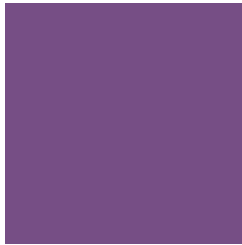
820023



030001

Previews

White Background



This preview shows how the Hex color 764E85 looks on a white background.

Color Contrast Check

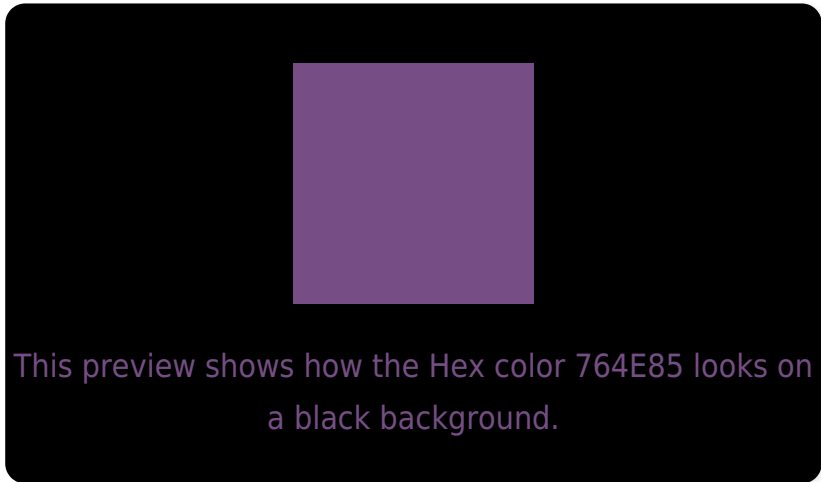
Large Text (above 18pt) WCAG AA ✓ Pass

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

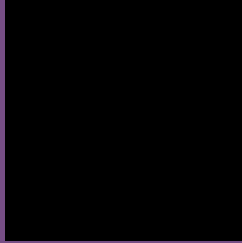
Any Text WCAG AA × Fail

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 764E85 Background



This preview shows how black text looks on a background with the Hex color 764E85.



This preview shows how white text looks on a background with the Hex color 764E85.

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



Original Color
764E85

Protanopia
4B5C90

Deuteranopia
515C82



Tritanopia
70575D

Trichromacy



Original Color
764E85

Protanomaly
5B578C

Deuteranomaly
5E5783

Tritanomaly
72546C

Monochromacy



Original Color
764E85

Achromatopsia
606060

Achromatomaly
68596D

CSS Examples

Text

The CSS property to change the color of the text to Hex 764E85 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 #764E85 looks like.

```
.text, #text, p{  
    color:#764E85  
}
```

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 #764E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764E85
}
```

Border

The CSS property to change the border of an element to Hex 764E85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

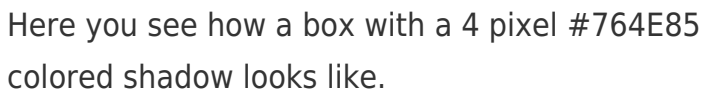
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764E85 }
```

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

```
.border{ border-color:#764E85 }
```

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



Here you see how a box with a 4 pixel #764E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764E85; -webkit-box-shadow:4px 4px  
4px 4px #764E85; box-shadow:4px 4px 4px  
4px #764E85 }
```

Background

The CSS property to change the background color of an element to Hex 764E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764E85 }
```

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

```
.background{ background-color:#764E85 }
```

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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