

# Converting Colors

Hex(724F84)

Have a look what the booklet for  
Hex(724F84) contains.

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# Color

**Hex(724F84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724F84
RGB	114, 79, 132
RGB Percent	45%, 31%, 52%
CMY	0.5529, 0.6902, 0.4824
CMYK	0.14, 0.40, 0.00, 0.48
HSL	280°, 25%, 41%
HSV	280°, 40%, 52%
XYZ	13.9003, 10.8353, 23.1886
YIQ	95.5070, 3.8470, 23.9030

# Conversions

## Conversions Part 2

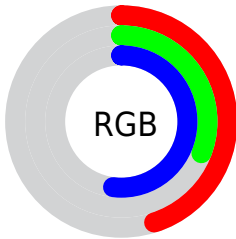
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 79, 132
Decimal	7491460
CIE <sub>Lab</sub>	39.30, 25.06, -24.09
CIE <sub>LCh</sub>	39, 34.760, 316.133
Yxy	10.8353, 0.2900, 0.2261
Android (android.graphics.Color)	4285681540 (0xFF724F84)
YUV	95.5070, 17.9910, 16.2184
Hunter-Lab	32.9170, 17.7725, -18.7252

# Details

The Hex color **724F84** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **61844F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **A781B9**, and **412152** is the 20% darker color. If you saturate the color by 10%, you get **6E4284**, and if you desaturate by 10%, it is **765C84**.

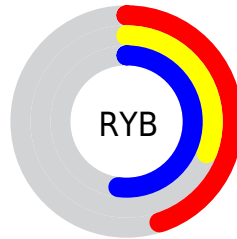
# Distribution



Red (45%)

Green (31%)

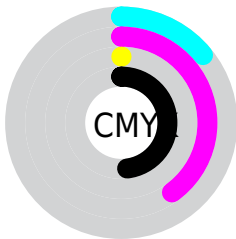
Blue (52%)



Red (45%)

Yellow (31%)

Blue (52%)

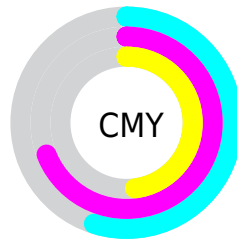


Cyan (14%)

Magenta (40%)

Yellow (0%)

Black (48%)



Cyan (55%)

Magenta (69%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724F84 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 724F84 by changing the saturation by 10% instead.



724F84

724F84

FFFFFF

59386B

A781B9

412152

C29BD5

290B3B

DEB6F2

170025

FBD2FF

00010D

FFEEFF

000000

724F84

724F84

6E4284

765C84

693584

7B6984

652784

7F7784

601A84

848484

5C0D84

889184

570084

8D9E84

91AB84

96B984

9AC684

# Harmonies

## Analogous

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



485A93



724F84



8A466B

# Triad

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



724F84



785624



006B6B

# Complementary

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



724F84



61844F

# 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.



006A4E



724F84



5E6023

# Square

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



724F84



8A4C35



3E6634



006985

# Rectangle

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



724F84



914458



3E6634



006B62



# Sweetspot

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



724F84



A496AB



4F6284



534B57



D6D6D6



575757



# Same Dimension

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



724F84



8F59AB



844F7C



403C42



560082



020003



# Inverse Universe

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



844F61



AB5975



4F8457



423C3E



82002C

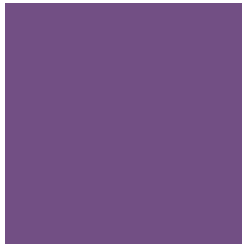


030001



# Previews

## White Background



This preview shows how the Hex color 724F84 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

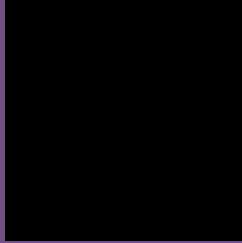
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 724F84 Background



This preview shows how black text looks on a background with the Hex color 724F84.



This preview shows how white text looks on a background with the Hex color 724F84.

# 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**  
6C575E

# Trichromacy



**Original Color**  
724F84

**Protanomaly**  
59578A

**Deuteranomaly**  
5C5783

**Tritanomaly**  
6E546C

# Monochromacy



**Original Color**  
724F84

**Achromatopsia**  
606060

**Achromatomaly**  
675A6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724F84 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 #724F84 looks like.

```
.text, #text, p{  
    color:#724F84  
}
```

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 #724F84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724F84
}
```

## Border

The CSS property to change the border of an element to Hex 724F84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

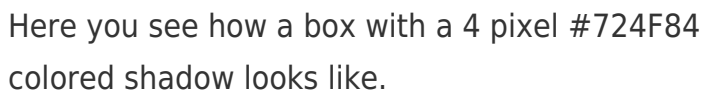
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724F84 }
```

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

```
.border{ border-color:#724F84 }
```

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



Here you see how a box with a 4 pixel #724F84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724F84; -webkit-box-shadow:4px 4px  
4px 4px #724F84; box-shadow:4px 4px 4px  
4px #724F84 }
```

# Background

The CSS property to change the background color of an element to Hex 724F84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724F84 }
```

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

```
.background{ background-color:#724F84 }
```

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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