

Converting Colors

Hex(725F84)

Have a look what the booklet for
Hex(725F84) contains.

Hex(725F84)	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(725F84)

Conversions

Conversions Part 1

Format	Color
Hex	725F84
RGB	114, 95, 132
RGB Percent	45%, 37%, 52%
CMY	0.5529, 0.6275, 0.4824
CMYK	0.14, 0.28, 0.00, 0.48
HSL	271°, 16%, 45%
HSV	271°, 28%, 52%
XYZ	15.1965, 13.4278, 23.6207
YIQ	104.8990, -0.5530, 15.5350

Conversions

Conversions Part 2

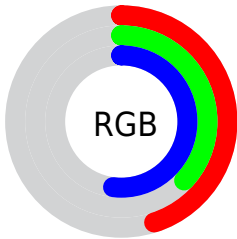
Format	Color
R_{YB}	114, 95, 132
Decimal	7495556
CIE _{Lab}	43.40, 15.34, -17.76
CIE _{LCh}	43, 23.465, 310.818
Yxy	13.4278, 0.2909, 0.2570
Android (android.graphics.Color)	4285685636 (0xFF725F84)
YUV	104.8990, 13.3608, 7.9816
Hunter-Lab	36.6439, 9.8984, -12.5676

Details

The Hex color **725F84** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **71845F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A692B9**, and **413152** is the 20% darker color. If you saturate the color by 10%, you get **6C5284**, and if you desaturate by 10%, it is **786C84**.

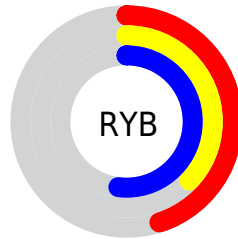
Distribution



Red (45%)

Green (37%)

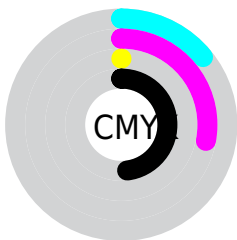
Blue (52%)



Red (45%)

Yellow (37%)

Blue (52%)

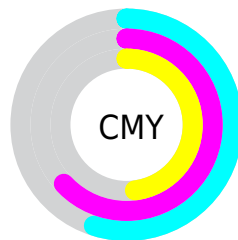


Cyan (14%)

Magenta (28%)

Yellow (0%)

Black (48%)



Cyan (55%)

Magenta (63%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 725F84 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 725F84 by changing the saturation by 10% instead.

725F84

725F84

FFFFFF

59476B

A692B9

413152

C2ACD5

2B1B3B

DEC8F1

170226

FAE4FF

00010F

000000

725F84

725F84

6C5284

786C84

654584

7F7984

■ 5F3784

■ 858784

■ 582A84

■ 8C9484

■ 521D84

■ 92A184

■ 4B1084

■ 99AE84

■ 450384

■ 9FBB84

■ 440084

■ A5C984

■ ACD684

Harmonies

Analogous

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



57668C



725F84



855974

Triad

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



725F84



7F6142



29716D

Complementary

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



725F84



71845F

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.



407059



725F84



6D6840

Square

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



725F84



8A5B4E



576D49



22707F

Rectangle

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



725F84



8B5867



576D49



307166

Sweetspot

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



725F84



A49DAB



5F7284



524E57



D6D6D6



575757

Same Dimension

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



725F84



8F71AB



845F84



3F3C42



430082



010003

Inverse Universe

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



845F71



AB718D



5F845F



423C3F



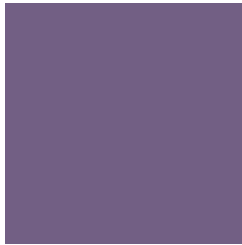
82003F



030001

Previews

White Background



This preview shows how the Hex color 725F84 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

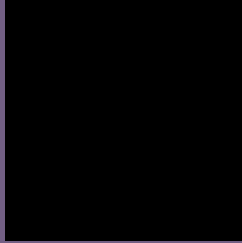
Any Text WCAG AA × Fail

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 725F84 Background



This preview shows how black text looks on a background with the Hex color 725F84.



This preview shows how white text looks on a background with the Hex color 725F84.

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
725F84

Protanopia
5D6589

Deuteranopia
626583



Tritanopia
6E646B

Trichromacy



Original Color
725F84

Protanomaly
656387

Deuteranomaly
686383

Tritanomaly
6F6274

Monochromacy



Original Color
725F84

Achromatopsia
696969

Achromatomaly
6C6573

CSS Examples

Text

The CSS property to change the color of the text to Hex 725F84 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 #725F84 looks like.

```
.text, #text, p{  
    color:#725F84  
}
```

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 #725F84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725F84
}
```

Border

The CSS property to change the border of an element to Hex 725F84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

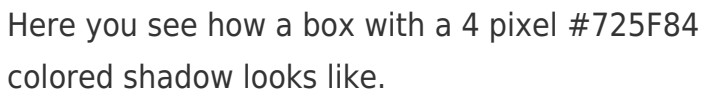
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#725F84 }
```

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

```
.border{ border-color:#725F84 }
```

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



Here you see how a box with a 4 pixel #725F84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725F84; -webkit-box-shadow:4px 4px  
4px 4px #725F84; box-shadow:4px 4px 4px  
4px #725F84 }
```

Background

The CSS property to change the background color of an element to Hex 725F84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725F84 }
```

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

```
.background{ background-color:#725F84 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor