

# Converting Colors

Hex(745284)

Have a look what the booklet for  
Hex(745284) contains.

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# Color

**Hex(745284)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	745284
RGB	116, 82, 132
RGB Percent	45%, 32%, 52%
CMY	0.5451, 0.6784, 0.4824
CMYK	0.12, 0.38, 0.00, 0.48
HSL	281°, 23%, 42%
HSV	281°, 38%, 52%
XYZ	14.3846, 11.4135, 23.2747
YIQ	97.8660, 4.2140, 22.7580

# Conversions

## Conversions Part 2

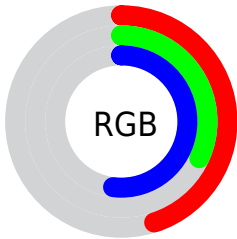
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 82, 132
Decimal	7623300
CIE <sub>Lab</sub>	40.27, 23.92, -22.57
CIE <sub>LCh</sub>	40, 32.885, 316.663
Yxy	11.4135, 0.2931, 0.2326
Android (android.graphics.Color)	4285813380 (0xFF745284)
<b>YUV</b>	97.8660, 16.8281, 15.9035
Hunter-Lab	33.7839, 16.8804, -17.1978

# Details

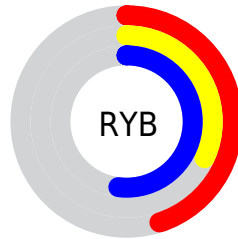
The Hex color **745284** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **628452**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A984B9**, and **432452** is the 20% darker color. If you saturate the color by 10%, you get **704584**, and if you desaturate by 10%, it is **785F84**.

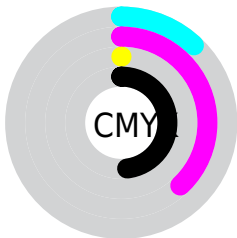
# Distribution



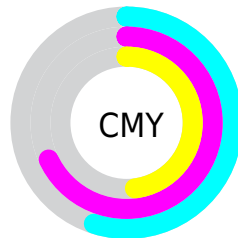
- Red (45%)
- Green (32%)
- Blue (52%)



- Red (45%)
- Yellow (32%)
- Blue (52%)



- Cyan (12%)
- Magenta (38%)
- Yellow (0%)
- Black (48%)



- Cyan (55%)
- Magenta (68%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745284 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 745284 by changing the saturation by 10% instead.



■ 745284

■ 745284

FFFFFF

■ 5B3A6B

■ A984B9

■ 432452

■ C49ED5

■ 2B0E3B

■ E1B9F1

■ 1A0025

■ FDD5FF

■ 00010E

■ FFF2FF

■ 000000

■ 745284

■ 745284

■ 704584

■ 785F84

■ 6C3884

■ 7C6C84

672A84

817A84

631D84

858784

5F1084

899484

5B0384

8DA184

5A0084

92AE84

96BC84

9AC984

# Harmonies

## Analogous

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



4D5C92



745284



8B4A6C

# Triad

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



745284



79592A



006D6D

# Complementary

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



745284



628452

# 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.



126C52



745284



606229

# Square

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



745284



8B4F39



426839



006B85

# Rectangle

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



745284



91485A



426839



006D64



# Sweetspot

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



745284



A598AB



526384



534B57



D6D6D6



575757



# Same Dimension

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



745284



925EAB



84527C



403C42



580082



020003



# Inverse Universe

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



845262



AB5E77



52845A



423C3E



82002A

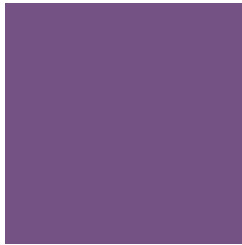


030001



# Previews

## White Background



This preview shows how the Hex color 745284 looks on a white background.

## Color Contrast Check

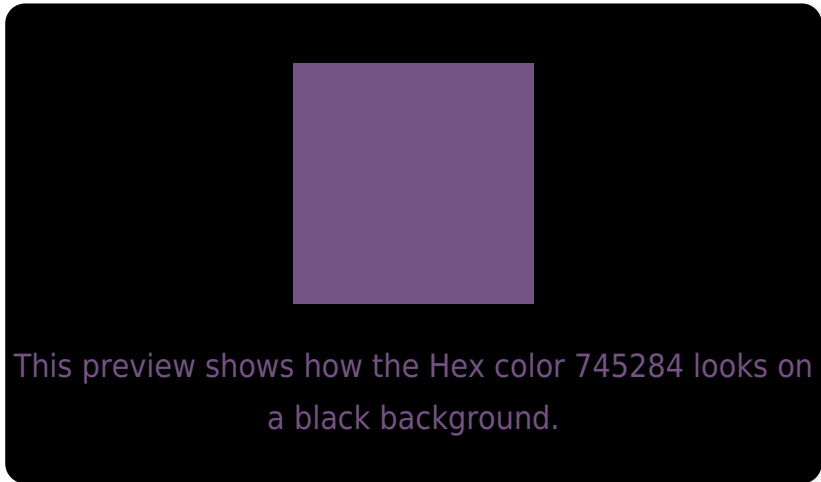
Large Text (above 18pt) WCAG AA ✓ Pass

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

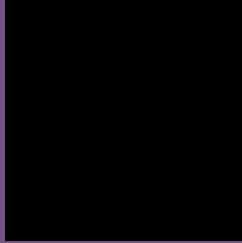
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 745284 Background



This preview shows how black text looks on a background with the Hex color 745284.



This preview shows how white text looks on a background with the Hex color 745284.

# 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**  
6F5960

# Trichromacy



**Original Color**  
745284

**Protanomaly**  
5C5A8A

**Deuteranomaly**  
605A83

**Tritanomaly**  
71566D

# Monochromacy



**Original Color**  
745284

**Achromatopsia**  
626262

**Achromatomaly**  
695C6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745284 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 #745284 looks like.

```
.text, #text, p{  
    color:#745284  
}
```

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 #745284 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745284
}
```

## Border

The CSS property to change the border of an element to Hex 745284 is called "border". The border property can be set on classes, ids or directly on the HTML element.

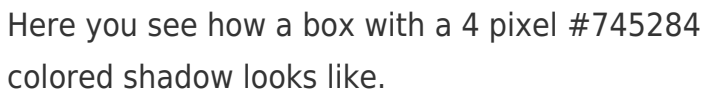
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745284 }
```

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

```
.border{ border-color:#745284 }
```

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



Here you see how a box with a 4 pixel #745284 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745284; -webkit-box-shadow:4px 4px  
4px 4px #745284; box-shadow:4px 4px 4px  
4px #745284 }
```

# Background

The CSS property to change the background color of an element to Hex 745284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745284 }
```

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

```
.background{ background-color:#745284 }
```

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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