

# Converting Colors

Hex(724677)

Have a look what the booklet for  
Hex(724677) contains.

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# Color

**Hex(724677)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724677
RGB	114, 70, 119
RGB Percent	45%, 27%, 47%
CMY	0.5529, 0.7255, 0.5333
CMYK	0.04, 0.41, 0.00, 0.53
HSL	294°, 26%, 37%
HSV	294°, 41%, 47%
XYZ	12.4594, 9.2896, 18.5892
YIQ	88.7420, 10.4950, 24.5670

# Conversions

## Conversions Part 2

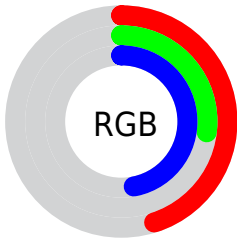
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 70, 119
Decimal	7489143
CIELab	36.54, 27.54, -20.37
CIElCh	37, 34.259, 323.515
Yxy	9.2896, 0.3089, 0.2303
Android (android.graphics.Color)	4285679223 (0xFF724677)
YUV	88.7420, 14.9172, 22.1513
Hunter-Lab	30.4789, 19.6303, -14.8259

# Details

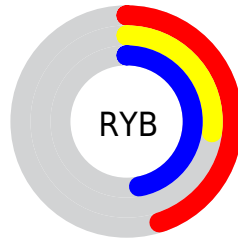
The Hex color **724677** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B7746**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A777AB**, and **411846** is the 20% darker color. If you saturate the color by 10%, you get **713A77**, and if you desaturate by 10%, it is **735277**.

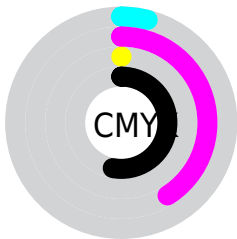
# Distribution



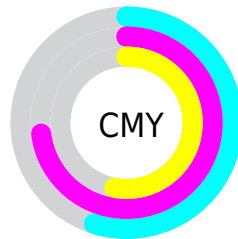
- Red (45%)
- Green (27%)
- Blue (47%)



- Red (45%)
- Yellow (27%)
- Blue (47%)



- Cyan (4%)
- Magenta (41%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (73%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724677 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 724677 by changing the saturation by 10% instead.



 724677

 724677

FFFFFF

 592F5E

 A777AB

 411846

 C291C7

 290230

 DFACE3

 0F001B


 FBC8FF

 000000

 FFE4FF

 724677

 724677

 713A77

 735277

 702E77

 745E77

6E2277

766A77

6D1677

777677

6C0B77

788277

6B0077

798D77

7A9977

7CA577

7DB177

# Harmonies

## Analogous

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



4D5188



724677



853E5D

# Triad

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



724677



6B521D



00636B

# Complementary

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



724677



4B7746

# 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.



00634F



724677



505B21

# Square

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



724677



7F482A



2E6034



006182

# Rectangle

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



724677



893E4B



2E6034



006462



# Sweetspot

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



724677



9A899C



464C77



4E444F



CFCFCF



4F4F4F



# Same Dimension

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



724677



944F9C



774664



3A353B



6E007A



E000FA



# Inverse Universe

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



77464B



9C4F57



467759



3B3535



7A000C

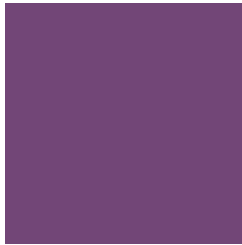


FA0019



# Previews

## White Background



This preview shows how the Hex color 724677 looks on a white background.

## Color Contrast Check

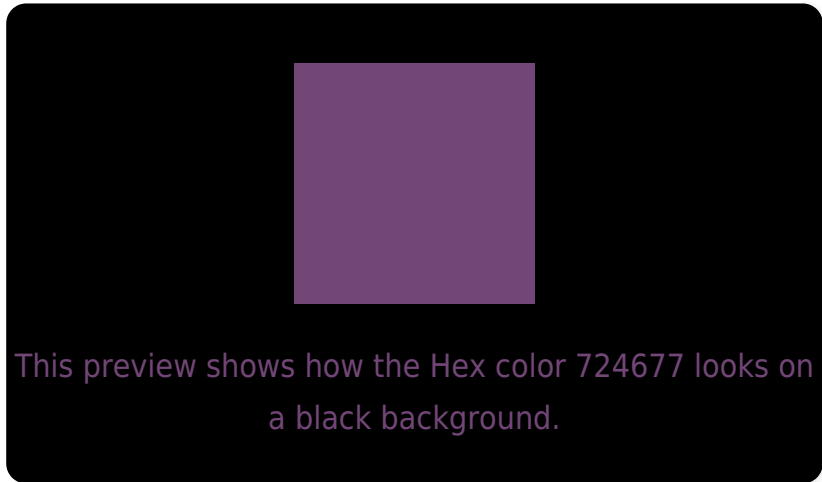
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

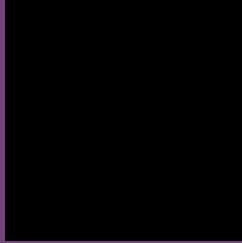
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 724677 Background



This preview shows how black text looks on a background with the Hex color 724677.



This preview shows how white text looks on a background with the Hex color 724677.

# 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**  
6D4E54

# Trichromacy



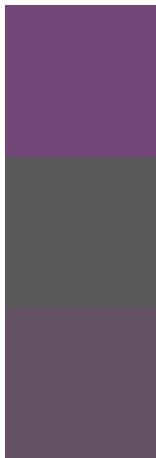
**Original Color**  
724677

**Protanomaly**  
56507F

**Deuteranomaly**  
5B5075

**Tritanomaly**  
6F4B61

# Monochromacy



**Original Color**  
724677

**Achromatopsia**  
595959

**Achromatomaly**  
625264

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724677 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 #724677 looks like.

```
.text, #text, p{  
  color:#724677  
}
```

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 #724677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724677
}
```

## Border

The CSS property to change the border of an element to Hex 724677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

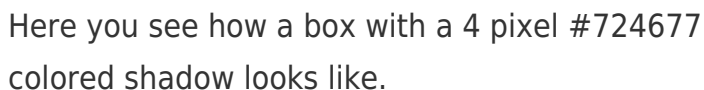
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724677 }
```

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

```
.border{ border-color:#724677 }
```

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



Here you see how a box with a 4 pixel #724677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724677; -webkit-box-shadow:4px 4px  
4px 4px #724677; box-shadow:4px 4px 4px  
4px #724677 }
```

# Background

The CSS property to change the background color of an element to Hex 724677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724677 }
```

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

```
.background{ background-color:#724677 }
```

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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