

# Converting Colors

Hex(724895)

Have a look what the booklet for  
Hex(724895) contains.

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# Color

**Hex(724895)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	724895
RGB	114, 72, 149
RGB Percent	45%, 28%, 58%
CMY	0.5529, 0.7176, 0.4157
CMYK	0.23, 0.52, 0.00, 0.42
HSL	273°, 35%, 43%
HSV	273°, 52%, 58%
XYZ	14.6816, 10.3821, 29.6639
YIQ	93.3360, 0.3150, 32.8510

# Conversions

## Conversions Part 2

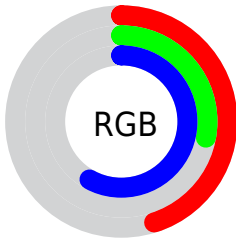
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 72, 149
Decimal	7489685
CIE Lab	38.52, 33.28, -35.65
CIE LCh	39, 48.772, 313.025
Yxy	10.3821, 0.2683, 0.1897
Android (android.graphics.Color)	4285679765 (0xFF724895)
YUV	93.3360, 27.4424, 18.1223
Hunter-Lab	32.2212, 24.9465, -32.0295

# Details

The Hex color **724895** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6B9548**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A87ACC**, and **3F1962** is the 20% darker color. If you saturate the color by 10%, you get **6B3995**, and if you desaturate by 10%, it is **795795**.

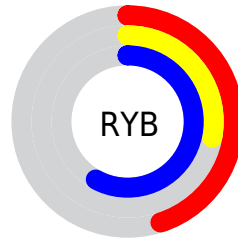
# Distribution



Red (45%)

Green (28%)

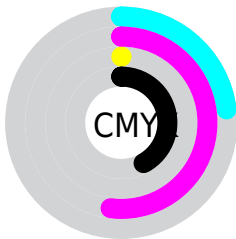
Blue (58%)



Red (45%)

Yellow (28%)

Blue (58%)

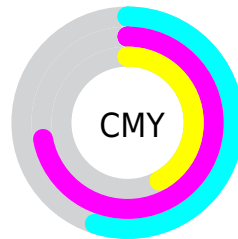


Cyan (23%)

Magenta (52%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (72%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 724895 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 724895 by changing the saturation by 10% instead.



724895

724895

FFFFFF

58307B

A87ACC

3F1962

C494E8

260249

E0AFFE

120033

FDCBFF

00021C

FFE7FF

000000

724895

724895

6B3995

795795

642A95

806695

 5E1B95

 867595

 570C95

 8D8495

 510095

 949395

 9BA195

 A1B095

 A8BF95

 AFCE95

# Harmonies

## Analogous

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



215AA8



724895



963673

# Triad

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



724895



805102



006D6B

# Complementary

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



724895



6B9548

# 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.



006B42



724895



5D5E00

# Square

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



724895



983F26



30671B



006B90

# Rectangle

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



724895



A03158



30671B



006D5E



# Sweetspot

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



724895



B4A3C2



486C95



594E61



E0E0E0



616161



# Same Dimension

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



724895



8B4AC2



954892



47434A



4B008A



06000A



# Inverse Universe

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



95486B



C24A80



48954B



4A4346



8A003F

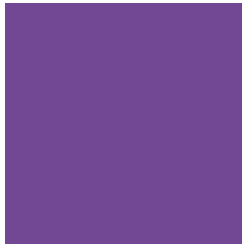


0A0005



# Previews

## White Background



This preview shows how the Hex color 724895 looks on a white background.

## Color Contrast Check

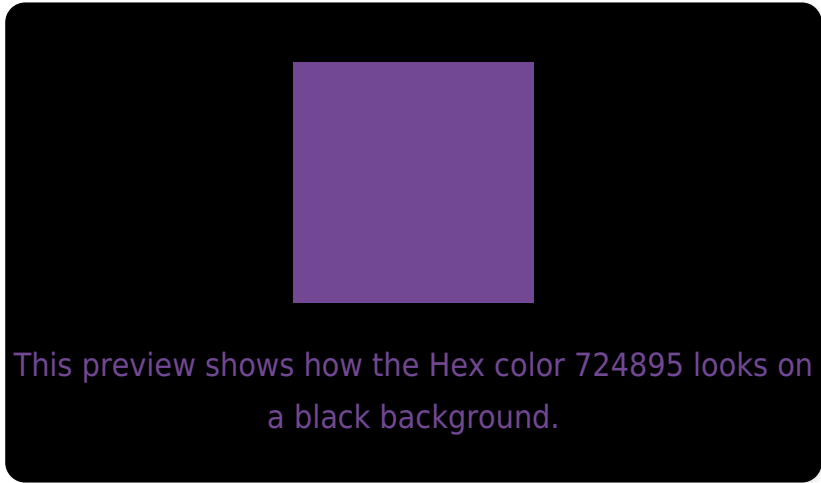
Large Text (above 18pt) WCAG AA ✓ Pass

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

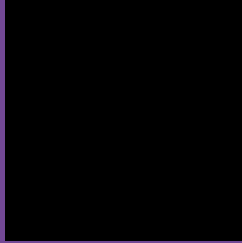
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 724895 Background



This preview shows how black text looks on a background with the Hex color 724895.

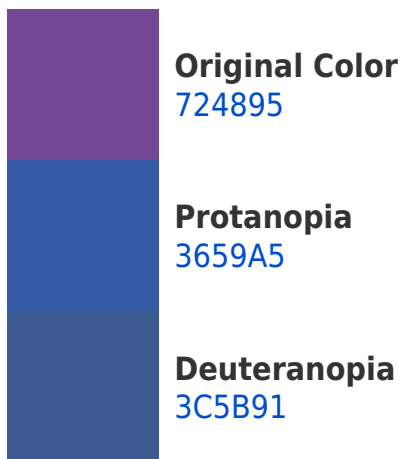



This preview shows how white text looks on a background with the Hex color 724895.

# 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**  
68565D

# Trichromacy



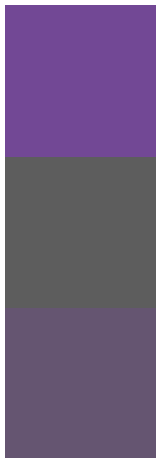
**Original Color**  
724895

**Protanomaly**  
4C539F

**Deuteranomaly**  
505492

**Tritanomaly**  
6C5171

# Monochromacy



**Original Color**  
724895

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
655571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 724895 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 #724895 looks like.

```
.text, #text, p{  
    color:#724895  
}
```

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 #724895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724895
}
```

## Border

The CSS property to change the border of an element to Hex 724895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

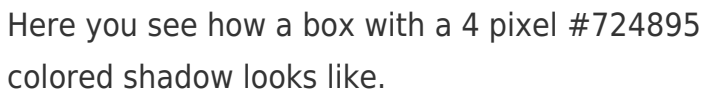
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724895 }
```

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

```
.border{ border-color:#724895 }
```

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



Here you see how a box with a 4 pixel #724895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724895; -webkit-box-shadow:4px 4px  
4px 4px #724895; box-shadow:4px 4px 4px  
4px #724895 }
```

# Background

The CSS property to change the background color of an element to Hex 724895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724895 }
```

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

```
.background{ background-color:#724895 }
```

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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