

# Converting Colors

Hex(734289)

Have a look what the booklet for  
Hex(734289) contains.

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# Color

**Hex(734289)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	734289
RGB	115, 66, 137
RGB Percent	45%, 26%, 54%
CMY	0.5490, 0.7412, 0.4627
CMYK	0.16, 0.52, 0.00, 0.46
HSL	281°, 35%, 40%
HSV	281°, 52%, 54%
XYZ	13.5338, 9.3474, 24.7578
YIQ	88.7450, 6.4130, 32.4690

# Conversions

## Conversions Part 2

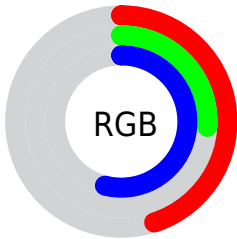
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 66, 137
Decimal	7553673
CIE <sub>Lab</sub>	36.64, 34.18, -31.30
CIE <sub>LCh</sub>	37, 46.347, 317.512
Yxy	9.3474, 0.2841, 0.1962
Android (android.graphics.Color)	4285743753 (0xFF734289)
YUV	88.7450, 23.7897, 23.0256
Hunter-Lab	30.5735, 25.5118, -26.6104

# Details

The Hex color **734289** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **588942**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A974BF**, and **401257** is the 20% darker color. If you saturate the color by 10%, you get **6F3489**, and if you desaturate by 10%, it is **775089**.

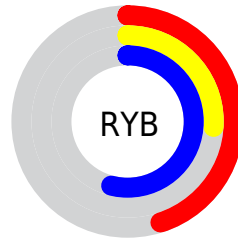
# Distribution



Red (45%)

Green (26%)

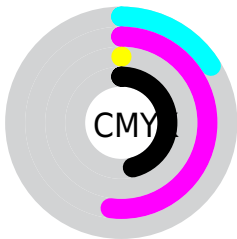
Blue (54%)



Red (45%)

Yellow (26%)

Blue (54%)

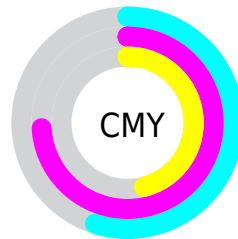


Cyan (16%)

Magenta (52%)

Yellow (0%)

Black (46%)



Cyan (55%)

Magenta (74%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734289 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 734289 by changing the saturation by 10% instead.



 734289

 734289

FFFFFF

 592A6F

 A974BF

 401257

 C48EDB

 28003F

 E1A9F7

 110029

 FEC4FF

 000112

 FFE0FF

 000000

 FFFDFF

 734289

 734289

 6F3489

 775089

6B2789

7B5D89

661989

806B89

620B89

847989

5F0089

888789

8C9489

91A289

95B089

99BD89

# Harmonies

## Analogous

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



34539E



734289



913367

# Triad

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



734289



754F00



00676C

# Complementary

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



734289



588942

# 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.



006645



734289



535B00

# Square

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



734289



8D3F20



256320



00658D

# Rectangle

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



734289



98304E



256320



00675F



# Sweetspot

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



734289



AA96B3



425889



544859



D9D9D9



595959



# Same Dimension

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



734289



9044B3



89427C



433E45



5C0085



040005



# Inverse Universe

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



894258



B34466



42894F



453E40



850029

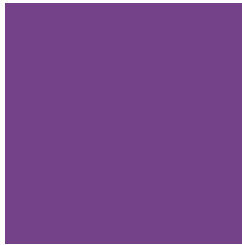


050002



# Previews

## White Background



This preview shows how the Hex color 734289 looks on a white background.

## Color Contrast Check

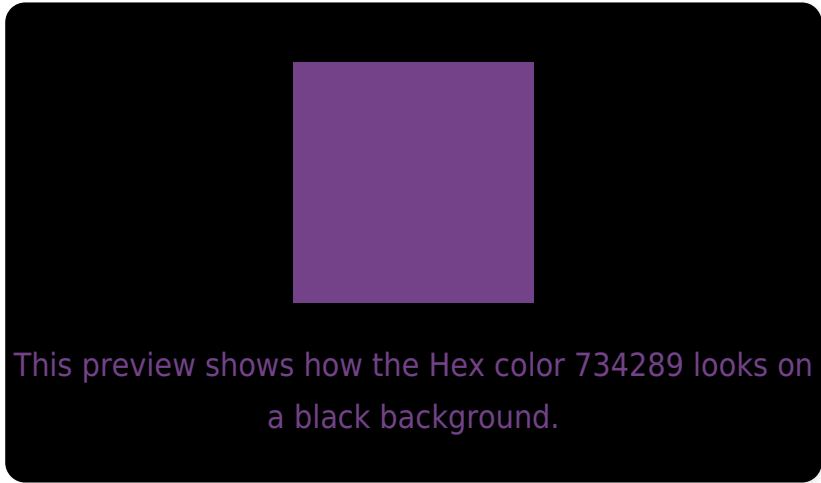
Large Text (above 18pt) WCAG AA ✓ Pass

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

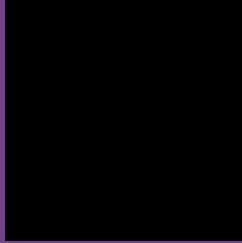
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 734289 Background



This preview shows how black text looks on a background with the Hex color 734289.

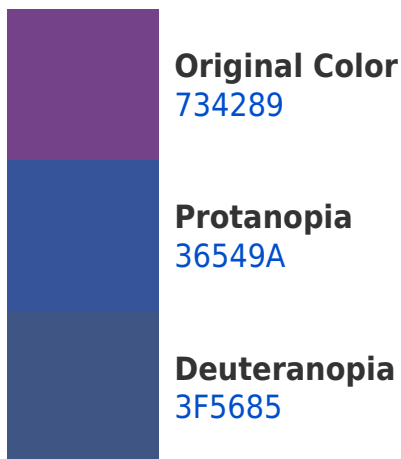


This preview shows how white text looks on a background with the Hex color 734289.

# 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**  
6B4F55

# Trichromacy



**Original Color**

734289



**Protanomaly**

4C4D94



**Deuteranomaly**

524F86



**Tritanomaly**

6E4A68

# Monochromacy



**Original Color**

734289



**Achromatopsia**

595959



**Achromatomaly**

62516A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734289 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 #734289 looks like.

```
.text, #text, p{  
    color:#734289  
}
```

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 #734289 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734289
}
```

## Border

The CSS property to change the border of an element to Hex 734289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

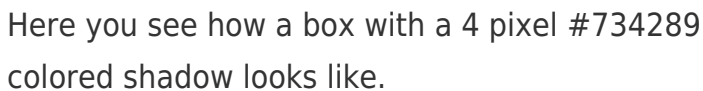
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734289 }
```

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

```
.border{ border-color:#734289 }
```

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



Here you see how a box with a 4 pixel #734289 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734289; -webkit-box-shadow:4px 4px  
4px 4px #734289; box-shadow:4px 4px 4px  
4px #734289 }
```

# Background

The CSS property to change the background color of an element to Hex 734289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734289 }
```

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

```
.background{ background-color:#734289 }
```

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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