

Converting Colors

Hex(724296)

Have a look what the booklet for
Hex(724296) contains.

Hex(724296)	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(724296)

Conversions

Conversions Part 1

Format	Color
Hex	724296
RGB	114, 66, 150
RGB Percent	45%, 26%, 59%
CMY	0.5529, 0.7412, 0.4118
CMYK	0.24, 0.56, 0.00, 0.41
HSL	274°, 39%, 42%
HSV	274°, 56%, 59%
XYZ	14.3927, 9.6758, 29.9632
YIQ	89.9280, 1.6440, 36.3000

Conversions

Conversions Part 2

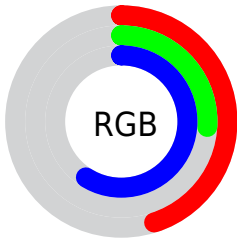
Format	Color
R_{YB}	114, 66, 150
Decimal	7488150
CIE _{Lab}	37.25, 36.96, -38.27
CIE _{LCh}	37, 53.205, 314.002
Yxy	9.6758, 0.2664, 0.1791
Android (android.graphics.Color)	4285678230 (0xFF724296)
YUV	89.9280, 29.6155, 21.1111
Hunter-Lab	31.1060, 28.1559, -35.3375

Details

The Hex color **724296** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **669642**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A874CD**, and **3E1262** is the 20% darker color. If you saturate the color by 10%, you get **6C3396**, and if you desaturate by 10%, it is **785196**.

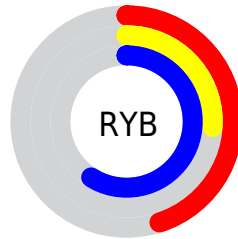
Distribution



Red (45%)

Green (26%)

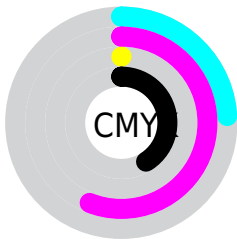
Blue (59%)



Red (45%)

Yellow (26%)

Blue (59%)

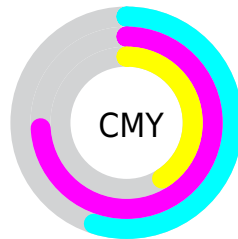


Cyan (24%)

Magenta (56%)

Yellow (0%)

Black (41%)



Cyan (55%)

Magenta (74%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 724296 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 724296 by changing the saturation by 10% instead.

 724296

 724296

FFFFFF

 582A7C

 A874CD

 3E1262

 C48EE9

 25004A

 E1A9FF

 0E0033

 FEC4FF

 00021D

 FFE1FF

 000000

FFFEFF

 724296

 724296

 6C3396

 785196

652496

7F6096

5F1596

856F96

580696

8C7E96

560096

928D96

999C96

9FAB96

A5BA96

ACC996

Harmonies

Analogous

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



0756AC



724296



982C70

Triad

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



724296



7D4D00



006B6B

Complementary

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



724296



669642

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.



00693E



724296



585C00

Square

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



724296



98391D



236510



006993

Rectangle

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



724296



A22654



236510



006B5C

Sweetspot

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



724296



B4A1C2



426696



594E61



E0E0E0



616161

Same Dimension

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



724296



8A40C2



964290



47434A



4F008A



06000A

Inverse Universe

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



964266



C24078



429648



4A4346



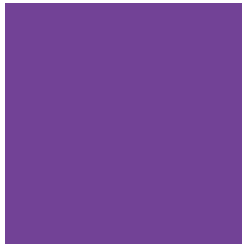
8A003B



0A0004

Previews

White Background



This preview shows how the Hex color 724296 looks on a white background.

Color Contrast Check

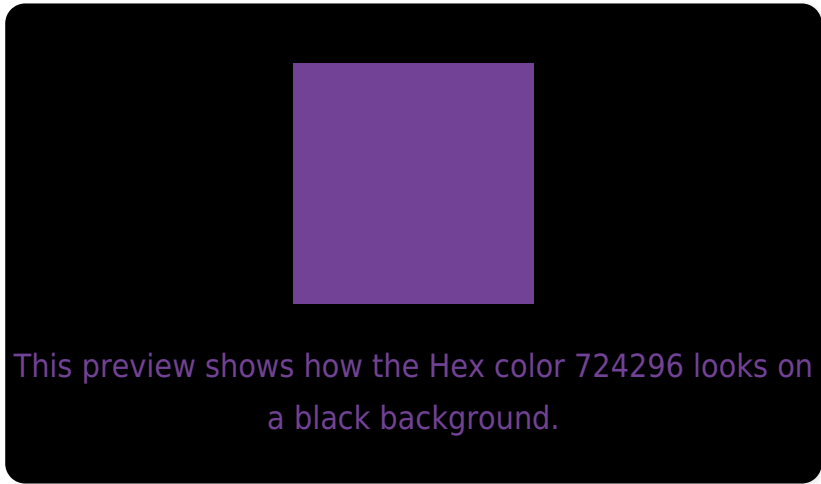
Large Text (above 18pt) WCAG AA ✓ Pass

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

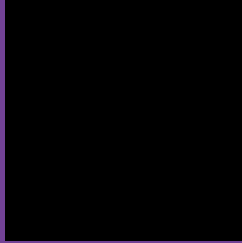
Any Text WCAG AA × Fail

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 724296 Background



This preview shows how black text looks on a background with the Hex color 724296.

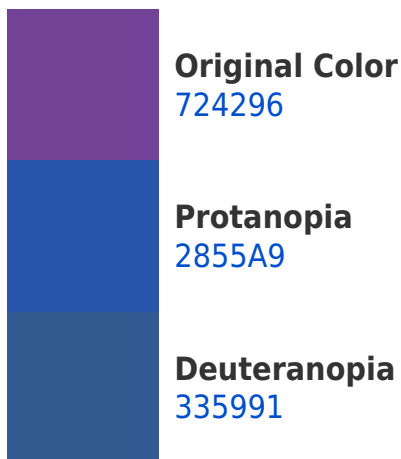


This preview shows how white text looks on a background with the Hex color 724296.

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
685259

Trichromacy



Original Color
724296

Protanomaly
434EA2

Deuteranomaly
4A5193

Tritanomaly
6C4C6F

Monochromacy



Original Color
724296

Achromatopsia
5A5A5A

Achromatomaly
635170

CSS Examples

Text

The CSS property to change the color of the text to Hex 724296 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 #724296 looks like.

```
.text, #text, p{  
    color:#724296  
}
```

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 #724296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724296
}
```

Border

The CSS property to change the border of an element to Hex 724296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

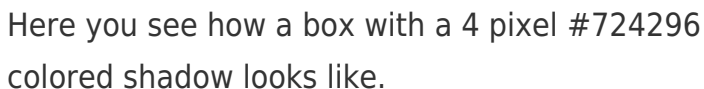
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724296 }
```

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

```
.border{ border-color:#724296 }
```

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



Here you see how a box with a 4 pixel #724296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724296; -webkit-box-shadow:4px 4px  
4px 4px #724296; box-shadow:4px 4px 4px  
4px #724296 }
```

Background

The CSS property to change the background color of an element to Hex 724296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724296 }
```

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

```
.background{ background-color:#724296 }
```

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