

Converting Colors

Hex(742CA4)

Have a look what the booklet for
Hex(742CA4) contains.

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Color

Hex(742CA4)

Conversions

Conversions Part 1

Format	Color
Hex	742CA4
RGB	116, 44, 164
RGB Percent	45%, 17%, 64%
CMY	0.5451, 0.8275, 0.3569
CMYK	0.29, 0.73, 0.00, 0.36
HSL	276°, 58%, 41%
HSV	276°, 73%, 64%
XYZ	14.8040, 8.1947, 35.9234
YIQ	79.2080, 4.3920, 52.5840

Conversions

Conversions Part 2

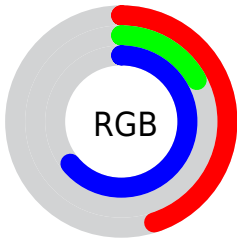
Format	Color
R_{YB}	116, 44, 164
Decimal	7613604
CIE _{Lab}	34.39, 51.84, -51.33
CIE _{LCh}	34, 72.953, 315.286
Yxy	8.1947, 0.2512, 0.1391
Android (android.graphics.Color)	4285803684 (0xFF742CA4)
YUV	79.2080, 41.8025, 32.2666
Hunter-Lab	28.6264, 42.2141, -54.3649

Details

The Hex color **742CA4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5CA42C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **AC60DC**, and **3D006F** is the 20% darker color. If you saturate the color by 10%, you get **6D1CA4**, and if you desaturate by 10%, it is **7B3CA4**.

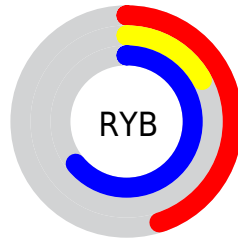
Distribution



Red (45%)

Green (17%)

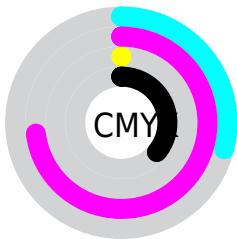
Blue (64%)



Red (45%)

Yellow (17%)

Blue (64%)

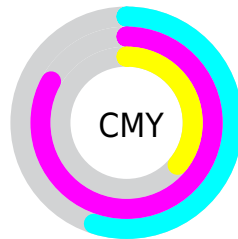


Cyan (29%)

Magenta (73%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (83%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742CA4 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 742CA4 by changing the saturation by 10% instead.

742CA4

742CA4

FFFFFF

590D89

AC60DC

3D006F

C97BF9

220056

E696FF

00003E

FFB1FF

000327

FFCEFF

000110

FFEAFF

000000

742CA4

742CA4

6D1CA4

7B3CA4

670BA4

814DA4

6200A4

885DA4

8E6EA4

957EA4

9B8EA4

A29FA4

A8AFA4

AFC0A4

Harmonies

Analogous

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



004FC3



742CA4



A60070

Triad

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



742CA4



7B4400



00686E

Complementary

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



742CA4



5CA42C

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.



006631



742CA4



485800

Square

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



742CA4



9F1C00



006100



0067A4

Rectangle

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



742CA4



B1004A



006100



00675A

Sweetspot

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



742CA4



C3A7D6



2C5CA4



604F6B



EBEBEB



6B6B6B

Same Dimension

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



742CA4



8B1AD6



A42C98



4E4952



570091



0B0012

Inverse Universe

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



A42C5C



D61A65



2CA438



52494D



91003A



120007

Previews

White Background



This preview shows how the Hex color 742CA4 looks on a white background.

Color Contrast Check

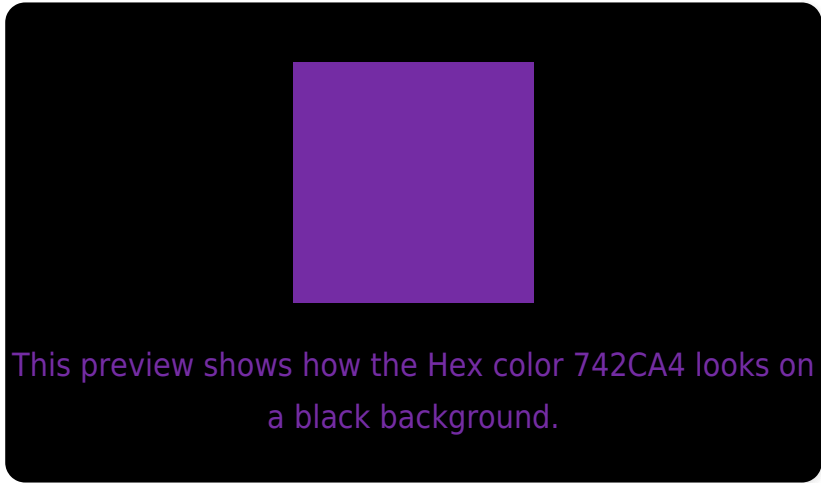
Large Text (above 18pt) WCAG AA ✓ Pass

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

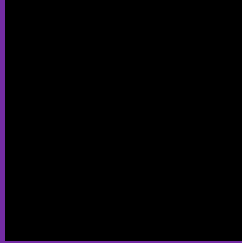
Any Text WCAG AA × Fail

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 742CA4 Background



This preview shows how black text looks on a background with the Hex color 742CA4.

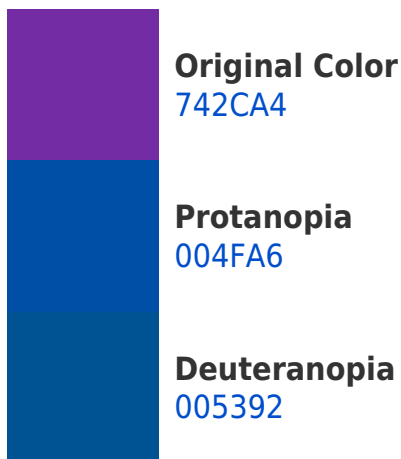



This preview shows how white text looks on a background with the Hex color 742CA4.

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
654A50

Trichromacy



Original Color

742CA4



Protanomaly

2A42A5



Deuteranomaly

2A4599



Tritanomaly

6A3F6F

Monochromacy



Original Color

742CA4



Achromatopsia

4F4F4F



Achromatomaly

5C426E

CSS Examples

Text

The CSS property to change the color of the text to Hex 742CA4 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 #742CA4 looks like.

```
.text, #text, p{  
  color:#742CA4  
}
```

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 #742CA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742CA4
}
```

Border

The CSS property to change the border of an element to Hex 742CA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

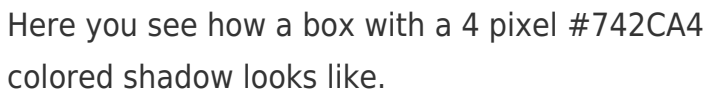
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742CA4 }
```

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

```
.border{ border-color:#742CA4 }
```

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



Here you see how a box with a 4 pixel #742CA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742CA4; -webkit-box-shadow:4px 4px  
4px 4px #742CA4; box-shadow:4px 4px 4px  
4px #742CA4 }
```

Background

The CSS property to change the background color of an element to Hex 742CA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742CA4 }
```

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

```
.background{ background-color:#742CA4 }
```

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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