

Converting Colors

Hex(724BA6)

Have a look what the booklet for
Hex(724BA6) contains.

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Color

Hex(724BA6)

Conversions

Conversions Part 1

Format	Color
Hex	724BA6
RGB	114, 75, 166
RGB Percent	45%, 29%, 65%
CMY	0.5529, 0.7059, 0.3490
CMYK	0.31, 0.55, 0.00, 0.35
HSL	266°, 38%, 47%
HSV	266°, 55%, 65%
XYZ	16.3384, 11.3627, 37.4085
YIQ	97.0350, -5.9670, 36.5690

Conversions

Conversions Part 2

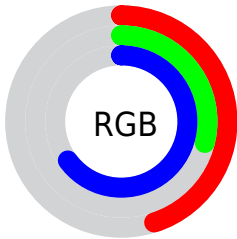
Format	Color
RYB	114, 75, 166
Decimal	7490470
CIELab	40.18, 35.83, -43.21
CIELCh	40, 56.133, 309.671
Yxy	11.3627, 0.2509, 0.1745
Android (android.graphics.Color)	4285680550 (0xFF724BA6)
YUV	97.0350, 33.9997, 14.8783
Hunter-Lab	33.7087, 27.5280, -42.2016

Details

The Hex color **724BA6** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7FA64B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A87DDE**, and **3D1C71** is the 20% darker color. If you saturate the color by 10%, you get **693AA6**, and if you desaturate by 10%, it is **7B5CA6**.

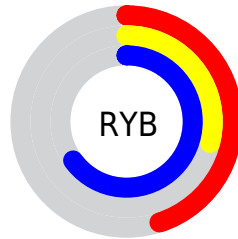
Distribution



Red (45%)

Green (29%)

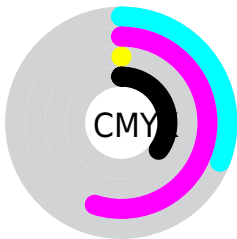
Blue (65%)



Red (45%)

Yellow (29%)

Blue (65%)

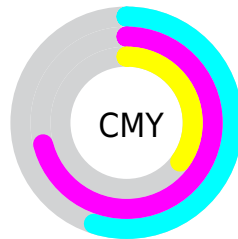


Cyan (31%)

Magenta (55%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (71%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 724BA6 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 724BA6 by changing the saturation by 10% instead.

724BA6

724BA6

FFFFFF

58338B

A87DDE

3D1C71

C597FA

230458

E1B2FF

0E0041

FFCEFF

000329

FFEBFF

000113

000000

724BA6

724BA6

693AA6

7B5CA6

■ 5F2AA6

■ 856CA6

■ 5619A6

■ 8E7DA6

■ 4C09A6

■ 988DA6

■ 4700A6

■ A19EA6

■ ABAFA6

■ B4BFA6

■ BED0A6

■ C7E0A6

Harmonies

Analogous

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



0060BA



724BA6



A03380

Triad

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



724BA6



8C5100



00736D

Complementary

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



724BA6



7FA64B

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.



00713D



724BA6



656100

Square

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



724BA6



A63B26



326C09



007299

Rectangle

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



724BA6



AD2A61



326C09



00735D

Sweetspot

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



724BA6



C5B6D9



4B80A6



62596E



EDEDED



6E6E6E

Same Dimension

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



724BA6



874AD9



9E4BA6



4F4C54



3F0094



090014

Inverse Universe

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



A64B7F



D94A9B



53A64B



544C51



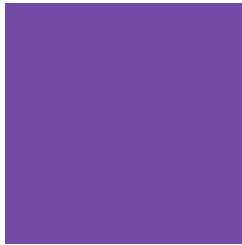
940055



14000C

Previews

White Background



This preview shows how the Hex color 724BA6 looks on a white background.

Color Contrast Check

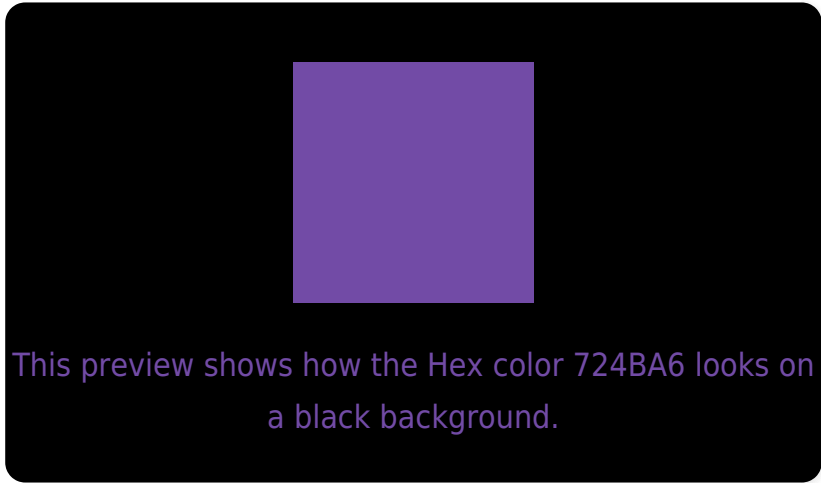
Large Text (above 18pt) WCAG AA ✓ Pass

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

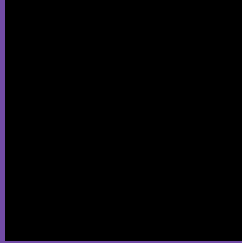
Any Text WCAG AA × Fail

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 724BA6 Background



This preview shows how black text looks on a background with the Hex color 724BA6.

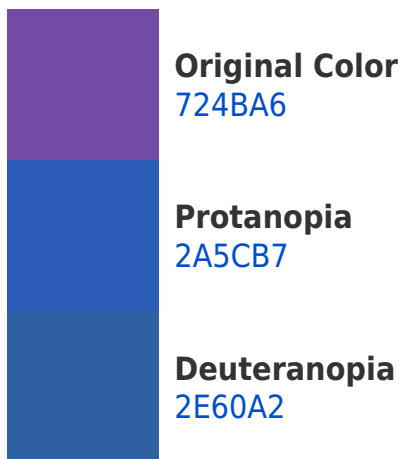


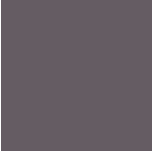
This preview shows how white text looks on a background with the Hex color 724BA6.

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
655C63

Trichromacy



Original Color

724BA6



Protanomaly

4456B1



Deuteranomaly

4758A3



Tritanomaly

6A567B

Monochromacy



Original Color

724BA6



Achromatopsia

616161



Achromatomaly

67597A

CSS Examples

Text

The CSS property to change the color of the text to Hex 724BA6 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 #724BA6 looks like.

```
.text, #text, p{  
    color:#724BA6  
}
```

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 #724BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #724BA6
}
```

Border

The CSS property to change the border of an element to Hex 724BA6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

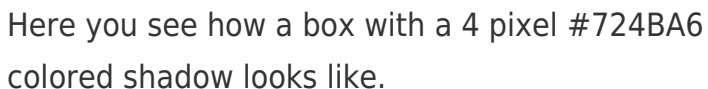
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#724BA6 }
```

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

```
.border{ border-color:#724BA6 }
```

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



Here you see how a box with a 4 pixel #724BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #724BA6; -webkit-box-shadow:4px 4px  
4px 4px #724BA6; box-shadow:4px 4px 4px  
4px #724BA6 }
```

Background

The CSS property to change the background color of an element to Hex 724BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#724BA6 }
```

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

```
.background{ background-color:#724BA6 }
```

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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