

# Converting Colors

Hex(726AB2)

Have a look what the booklet for  
Hex(726AB2) contains.

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# Color

**Hex(726AB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	726AB2
RGB	114, 106, 178
RGB Percent	45%, 42%, 70%
CMY	0.5529, 0.5843, 0.3020
CMYK	0.36, 0.40, 0.00, 0.30
HSL	247°, 32%, 56%
HSV	247°, 40%, 70%
XYZ	20.1293, 17.0998, 44.3591
YIQ	116.6000, -18.3440, 24.0880

# Conversions

## Conversions Part 2

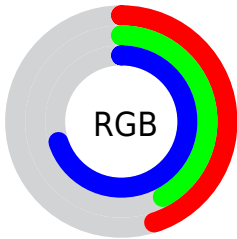
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 106, 178
Decimal	7498418
CIELab	48.39, 20.51, -37.26
CIELCh	48, 42.528, 298.835
Yxy	17.0998, 0.2467, 0.2096
Android (android.graphics.Color)	4285688498 (0xFF726AB2)
YUV	116.6000, 30.2702, -2.2802
Hunter-Lab	41.3519, 14.5245, -34.6553

# Details

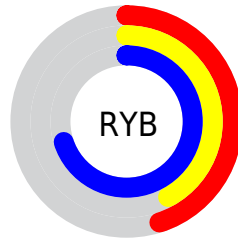
The Hex color **726AB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AAB26A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A89DEA**, and **3E3B7D** is the 20% darker color. If you saturate the color by 10%, you get **6258B2**, and if you desaturate by 10%, it is **827CB2**.

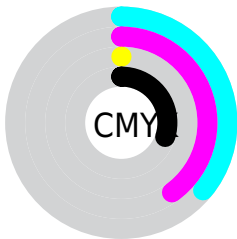
# Distribution



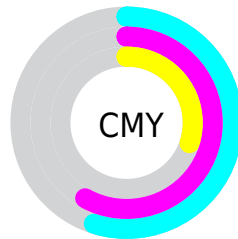
- Red (45%)
- Green (42%)
- Blue (70%)



- Red (45%)
- Yellow (42%)
- Blue (70%)



- Cyan (36%)
- Magenta (40%)
- Yellow (0%)
- Black (30%)



- Cyan (55%)
- Magenta (58%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 726AB2 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 726AB2 by changing the saturation by 10% instead.



■ 726AB2

■ 726AB2

FFFFFF

■ 585297

■ A89DEA

■ 3E3B7D

■ C4B8FF

■ 242564

■ E1D4FF

■ 02114B

■ FEF0FF

■ 000034

■ 00021E

■ 000000

■ 726AB2

■ 726AB2

■ 6258B2

■ 827CB2

■ 5246B2

■ 928EB2

■ 4335B2

■ A19FB2

■ 3323B2

■ B1B1B2

■ 2311B2

■ C1C3B2

■ 1400B2

■ D1D5B2

■ E1E7B2

■ F1F8B2

■ FFFB2

# Harmonies

## Analogous

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



1F77BB



726AB2



9E5C99

# Triad

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



726AB2



A46336



008570

# Complementary

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



726AB2



AAB26A

# 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.



34824C



726AB2



887127

# Square

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



726AB2



B45752



647B30



008494

# Rectangle

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



726AB2



AE5582



647B30



008464



# Sweetspot

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



726AB2



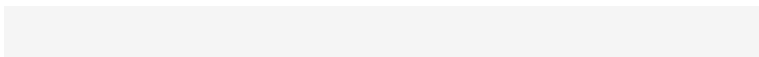
CFCCE8



6AABB2



676575



F5F5F5



757575



# Same Dimension

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



726AB2



8376E8



956AB2



515059



110099



03001A



# Inverse Universe

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



B26AAA



E876DB



87B26A



595058



990088



1A0017



# Previews

## White Background



This preview shows how the Hex color 726AB2 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



This preview shows how the Hex color 726AB2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

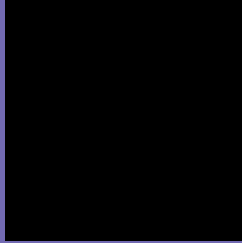
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 726AB2 Background



This preview shows how black text looks on a background with the Hex color 726AB2.

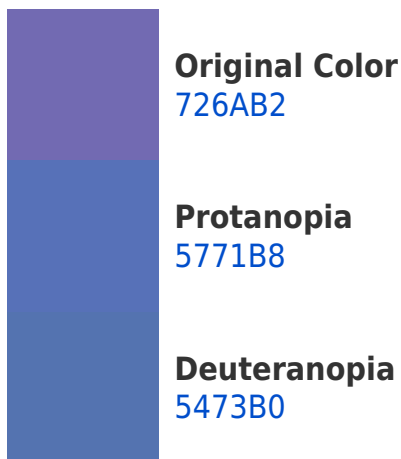


This preview shows how white text looks on a background with the Hex color 726AB2.

# 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](#).

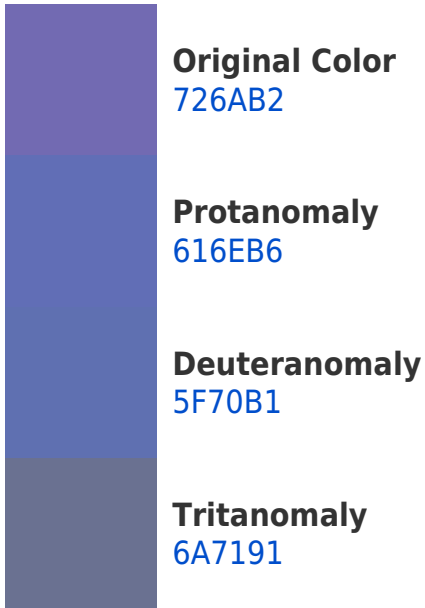
## Dichromacy



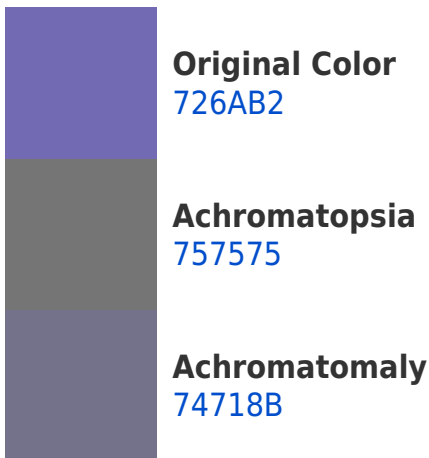


**Tritanopia**  
66757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726AB2 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 #726AB2 looks like.

```
.text, #text, p{  
    color:#726AB2  
}
```

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 #726AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726AB2
}
```

## Border

The CSS property to change the border of an element to Hex 726AB2 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
#726AB2 }
```

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

```
.border{ border-color:#726AB2 }
```

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

Here you see how a box with a 4 pixel #726AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726AB2; -webkit-box-shadow:4px 4px  
4px 4px #726AB2; box-shadow:4px 4px 4px  
4px #726AB2 }
```

# Background

The CSS property to change the background color of an element to Hex 726AB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726AB2 }
```

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

```
.background{ background-color:#726AB2 }
```

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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