

# Converting Colors

Hex(726BA5)

Have a look what the booklet for  
Hex(726BA5) contains.

<b>Hex(726BA5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(726BA5)

# Conversions

## Conversions Part 1

Format	Color
Hex	726BA5
RGB	114, 107, 165
RGB Percent	45%, 42%, 65%
CMY	0.5529, 0.5804, 0.3529
CMYK	0.31, 0.35, 0.00, 0.35
HSL	247°, 24%, 53%
HSV	247°, 35%, 65%
XYZ	18.9887, 16.8094, 37.8410
YIQ	115.7050, -14.4460, 19.5220

# Conversions

## Conversions Part 2

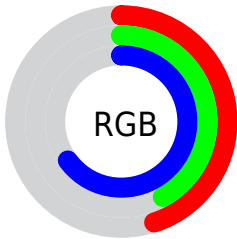
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 107, 165
Decimal	7498661
CIELab	48.02, 16.35, -30.24
CIELCh	48, 34.375, 298.403
Yxy	16.8094, 0.2579, 0.2283
Android (android.graphics.Color)	4285688741 (0xFF726BA5)
YUV	115.7050, 24.3024, -1.4953
Hunter-Lab	40.9993, 10.9228, -26.0233

# Details

The Hex color **726BA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9EA56B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A79EDC**, and **403C71** is the 20% darker color. If you saturate the color by 10%, you get **635AA5**, and if you desaturate by 10%, it is **817BA5**.

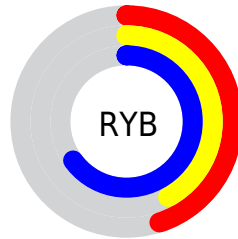
# Distribution



Red (45%)

Green (42%)

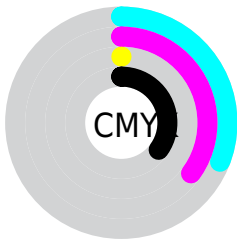
Blue (65%)



Red (45%)

Yellow (42%)

Blue (65%)

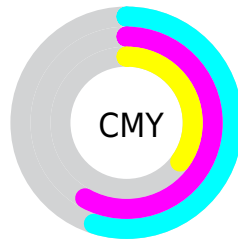


Cyan (31%)

Magenta (35%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (58%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 726BA5 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 726BA5 by changing the saturation by 10% instead.



■ 726BA5

■ 726BA5

FFFFFF

■ 58538A

■ A79EDC

■ 403C71

■ C3B9F9

■ 272658

■ DFD5FF

■ 0C1240

■ FCF1FF

■ 00002A

■ 000114

■ 000000

■ 726BA5

■ 726BA5

■ 635AA5

■ 817BA5

■ 554AA5

■ 8F8CA5

■ 4639A5

■ 9E9CA5

■ 3829A5

■ ACADA5

■ 2918A5

■ BBBDA5

■ 1B08A5

■ C9CEA5

■ 1400A5

■ D8DEA5

■ E6EFA5

■ F5FFA5

# Harmonies

## Analogous

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



3E75AC



726BA5



956091

# Triad

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



726BA5



9C6541



00816F

# Complementary

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



726BA5



9EA56B

# 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.



447E53



726BA5



857037

# Square

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



726BA5



A85D58



68783D



00808D

# Rectangle

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



726BA5



A25B7E



68783D



238065



# Sweetspot

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



726BA5



C1BFD6



6B9EA5



5F5D6B



EBEBEB



6B6B6B



# Same Dimension

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



726BA5



877CD6



8F6BA5



4A4952



120091



020012



# Inverse Universe

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



A56B9E



D67CCB



81A56B



524951



910080



120010



# Previews

## White Background



This preview shows how the Hex color 726BA5 looks on a white background.

## Color Contrast Check

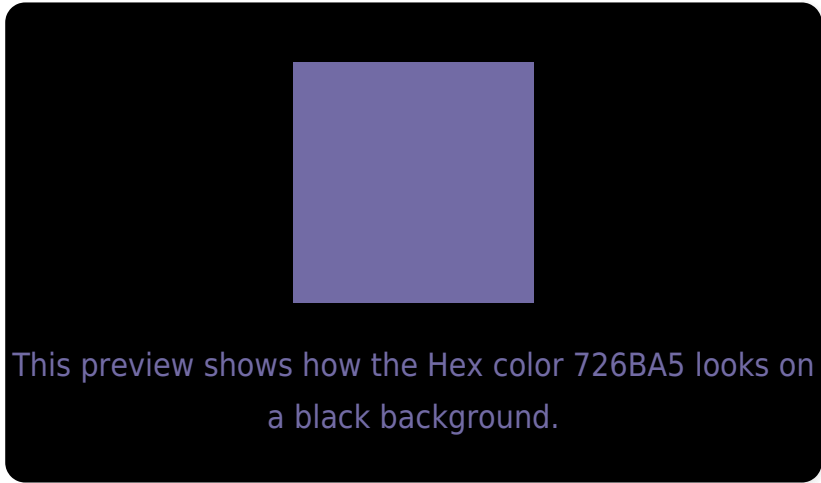
Large Text (above 18pt) WCAG AA ✓ Pass

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

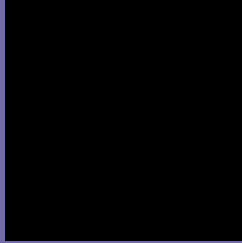
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 726BA5 Background



This preview shows how black text looks on a background with the Hex color 726BA5.

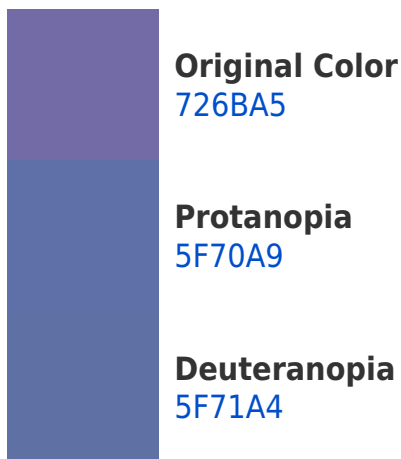


This preview shows how white text looks on a background with the Hex color 726BA5.

# 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](#).

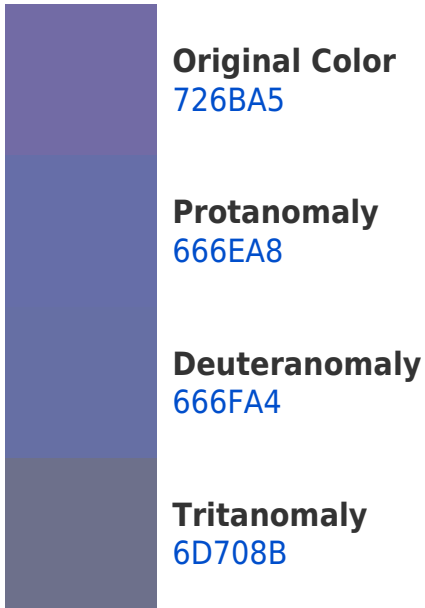
## Dichromacy



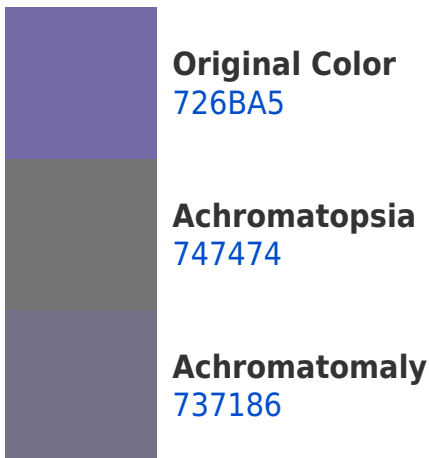


**Tritanopia**  
6A737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726BA5 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 #726BA5 looks like.

```
.text, #text, p{  
    color:#726BA5  
}
```

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 #726BA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726BA5
}
```

## Border

The CSS property to change the border of an element to Hex 726BA5 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
#726BA5 }
```

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

```
.border{ border-color:#726BA5 }
```

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

Here you see how a box with a 4 pixel #726BA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726BA5; -webkit-box-shadow:4px 4px  
4px 4px #726BA5; box-shadow:4px 4px 4px  
4px #726BA5 }
```

# Background

The CSS property to change the background color of an element to Hex 726BA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726BA5 }
```

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

```
.background{ background-color:#726BA5 }
```

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