

# Converting Colors

Hex(707EA0)

Have a look what the booklet for  
Hex(707EA0) contains.

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# Color

Hex(707EA0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	707EA0
RGB	112, 126, 160
RGB Percent	44%, 49%, 63%
CMY	0.5608, 0.5059, 0.3725
CMYK	0.30, 0.21, 0.00, 0.37
HSL	222°, 20%, 53%
HSV	222°, 30%, 63%
XYZ	20.4881, 20.9045, 36.2128
YIQ	125.6900, -19.2580, 7.6060

# Conversions

## Conversions Part 2

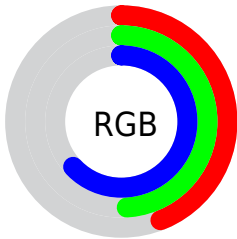
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 123, 160
Decimal	7372448
CIE Lab	52.84, 3.05, -19.87
CIE LCh	53, 20.103, 278.727
Yxy	20.9045, 0.2640, 0.2694
Android (android.graphics.Color)	4285562528 (0xFF707EA0)
YUV	125.6900, 16.9148, -12.0061
Hunter-Lab	45.7215, -0.0254, -14.9545

# Details

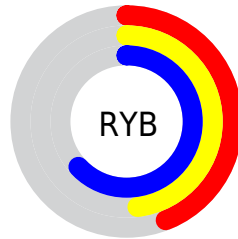
The Hex color **707EA0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A09270**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A5B3D7**, and **3E4D6C** is the 20% darker color. If you saturate the color by 10%, you get **6073A0**, and if you desaturate by 10%, it is **8089A0**.

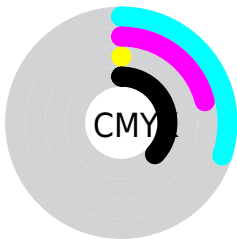
# Distribution



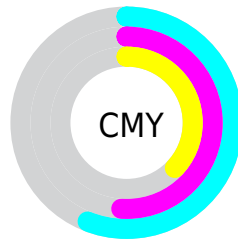
- Red (44%)
- Green (49%)
- Blue (63%)



- Red (44%)
- Yellow (48%)
- Blue (63%)



- Cyan (30%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (56%)
- Magenta (51%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 707EA0 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 707EA0 by changing the saturation by 10% instead.



■ 707EA0

■ 707EA0

FFFFFF

■ 576586

■ A5B3D7

■ 3E4D6C

■ C0CEF3

■ 273754

■ DCEAFF

■ 0E213D

■ F9FFFF

■ 000A27

■ 000111

■ 000000

■ 707EA0

■ 707EA0

■ 6073A0

■ 8089A0

5067A0

9095A0

405CA0

A0A0A0

3051A0

B0ABA0

2045A0

C0B7A0

103AA0

D0C2A0

002FA0

E0CDA0

F0D9A0

FFE4A0

# Harmonies

## Analogous

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



59839E



707EA0



877899

# Triad

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



707EA0



9F7469



5F8771

# Complementary

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



707EA0



A09270

# 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.



738463



707EA0



96795E

# Square

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



707EA0



A1727A



867F5C



4F8883

# Rectangle

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



707EA0



947590



867F5C



65866C



# Sweetspot

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



707EA0



BEC4D1



70A092



5D6069



E8E8E8



696969



# Same Dimension

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



707EAO



869CD1



7A70AO



47494F



002A8F



00040F



# Inverse Universe

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



A0707E



D1869C



96A070



4F4749



8F002A

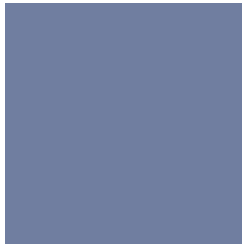


0F0004



# Previews

## White Background



This preview shows how the Hex color 707EA0 looks on a white background.

## Color Contrast Check

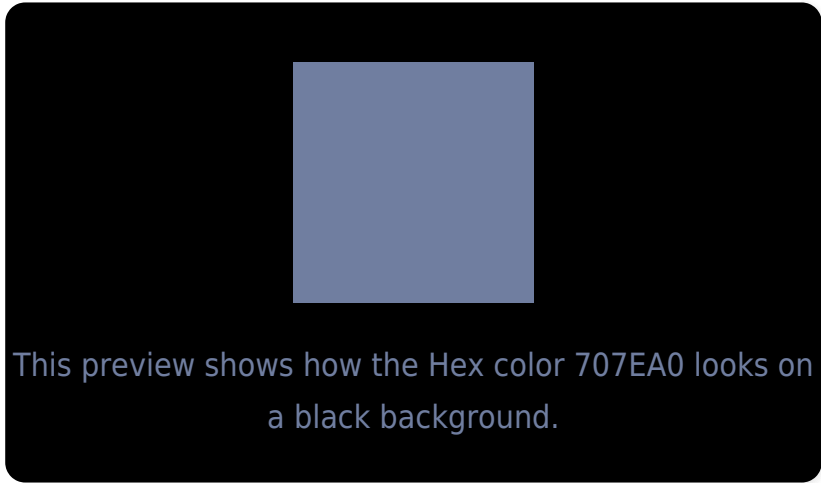
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

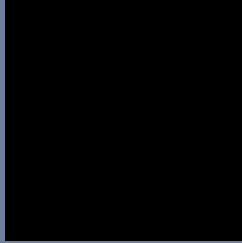
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

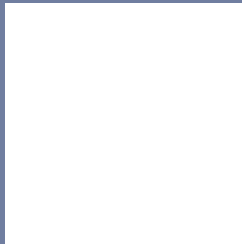
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 707EA0 Background



This preview shows how black text looks on a background with the Hex color 707EA0.



This preview shows how white text looks on a background with the Hex color 707EA0.

# 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



**Original Color**


707EA0

**Protanopia**

757D9F

**Deuteranopia**

787CA0



**Tritanopia**  
6C828C

# Trichromacy



**Original Color**  
707EA0

**Protanomaly**  
737D9F

**Deuteranomaly**  
757DA0

**Tritanomaly**  
6D8193

# Monochromacy



**Original Color**  
707EA0

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
797E8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 707EA0 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 #707EA0 looks like.

```
.text, #text, p{  
    color:#707EA0  
}
```

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 #707EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707EA0
}
```

## Border

The CSS property to change the border of an element to Hex 707EA0 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
#707EA0 }
```

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

```
.border{ border-color:#707EA0 }
```

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

Here you see how a box with a 4 pixel #707EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707EA0; -webkit-box-shadow:4px 4px  
4px 4px #707EA0; box-shadow:4px 4px 4px  
4px #707EA0 }
```

# Background

The CSS property to change the background color of an element to Hex 707EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707EA0 }
```

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

```
.background{ background-color:#707EA0 }
```

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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