

# Converting Colors

Hex(6B7492)

Have a look what the booklet for  
Hex(6B7492) contains.

<b>Hex(6B7492)</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(6B7492)

# Conversions

## Conversions Part 1

Format	Color
Hex	6B7492
RGB	107, 116, 146
RGB Percent	42%, 45%, 57%
CMY	0.5804, 0.5451, 0.4275
CMYK	0.27, 0.21, 0.00, 0.43
HSL	226°, 15%, 50%
HSV	226°, 27%, 57%
XYZ	17.4971, 17.6919, 29.6868
YIQ	116.7290, -14.9940, 7.4220

# Conversions

## Conversions Part 2

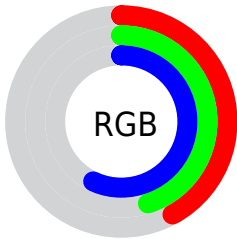
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 114, 146
Decimal	7042194
CIE <sub>Lab</sub>	49.12, 3.74, -17.41
CIE <sub>LCh</sub>	49, 17.809, 282.129
Yxy	17.6919, 0.2697, 0.2727
Android (android.graphics.Color)	4285232274 (0xFF6B7492)
YUV	116.7290, 14.4306, -8.5323
Hunter-Lab	42.0617, 0.6455, -12.4031

# Details

The Hex color **6B7492** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **92896B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9FA8C8**, and **3A445F** is the 20% darker color. If you saturate the color by 10%, you get **5C6992**, and if you desaturate by 10%, it is **7A7F92**.

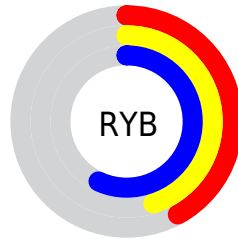
# Distribution



Red (42%)

Green (45%)

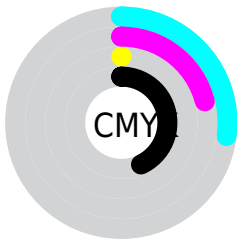
Blue (57%)



Red (42%)

Yellow (45%)

Blue (57%)

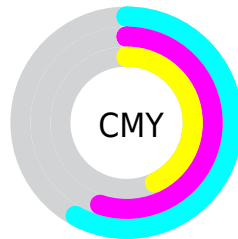


Cyan (27%)

Magenta (21%)

Yellow (0%)

Black (43%)



Cyan (58%)

Magenta (55%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B7492 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 6B7492 by changing the saturation by 10% instead.



■ 6B7492

■ 6B7492

FFFFFF

■ 525B78

■ 9FA8C8

■ 3A445F

■ BAC3E4

■ 232E48

■ D6DFFF

■ 0C1931

■ F3FCFF

■ 00021C

■ 000000

■ 6B7492

■ 6B7492

■ 5C6992

■ 7A7F92

■ 4E5E92

■ 888A92

■ 3F5292

■ 979692

■ 314792

■ A5A192

■ 223C92

■ B4AC92

■ 133192

■ C3B792

■ 052592

■ D1C392

■ 002292

■ E0CE92

■ EED992

# Harmonies

## Analogous

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



577991



6B7492



7F6F8B

# Triad

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



6B7492



916C61



587D6B

# Complementary

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



6B7492



92896B

# 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.



697A5E



6B7492



887158

# Square

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



6B7492



946A6F



7A7657



4C7D7A

# Rectangle

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



6B7492



896C83



7A7657



5D7C66



# Sweetspot

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



6B7492



AEB1BD



6B9289



55575E



DEDEDE



5E5E5E



# Same Dimension

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



6B7492



808EBD



756B92



43444A



00208A



00020A



# Inverse Universe

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



926B74



BD808E



88926B



4A4344



8A0020

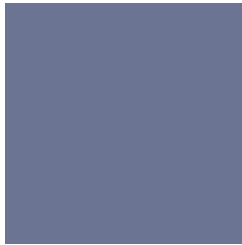


0A0002



# Previews

## White Background



This preview shows how the Hex color 6B7492 looks on a white background.

## Color Contrast Check

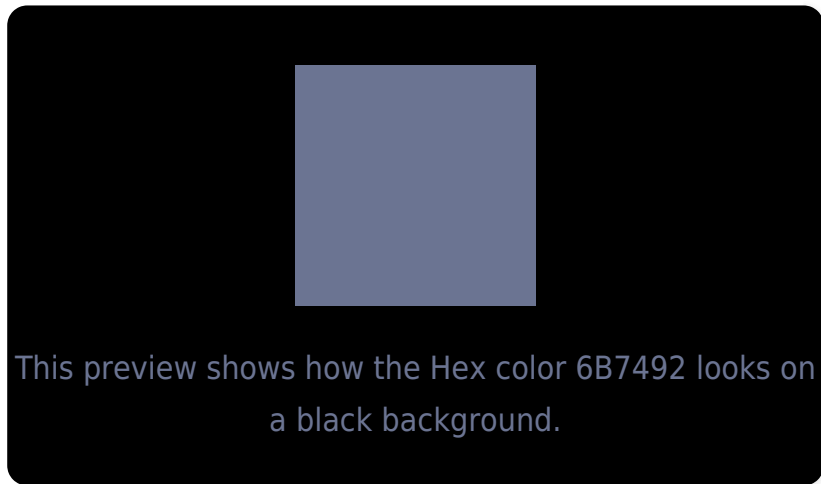
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

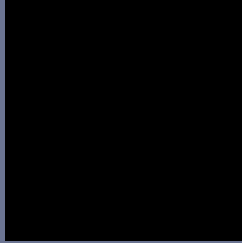
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

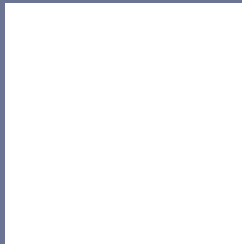
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B7492 Background



This preview shows how black text looks on a background with the Hex color 6B7492.



This preview shows how white text looks on a background with the Hex color 6B7492.

# 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**  
6B7492

**Protanopia**  
6D7392

**Deuteranopia**  
717292



**Tritanopia**  
677781

# Trichromacy



**Original Color**  
6B7492

**Protanomaly**  
6C7392

**Deuteranomaly**  
6F7392

**Tritanomaly**  
687687

# Monochromacy



**Original Color**  
6B7492

**Achromatopsia**  
757575

**Achromatomaly**  
717580

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B7492 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 #6B7492 looks like.

```
.text, #text, p{  
    color:#6B7492  
}
```

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 #6B7492 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7492
}
```

## Border

The CSS property to change the border of an element to Hex 6B7492 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
#6B7492 }
```

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

```
.border{ border-color:#6B7492 }
```

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

Here you see how a box with a 4 pixel #6B7492 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7492; -webkit-box-shadow:4px 4px  
4px 4px #6B7492; box-shadow:4px 4px 4px  
4px #6B7492 }
```

# Background

The CSS property to change the background color of an element to Hex 6B7492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7492 }
```

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

```
.background{ background-color:#6B7492 }
```

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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