

# Converting Colors

Hex(6E7691)

Have a look what the booklet for  
Hex(6E7691) contains.

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# Color

**Hex(6E7691)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E7691
RGB	110, 118, 145
RGB Percent	43%, 46%, 57%
CMY	0.5686, 0.5373, 0.4314
CMYK	0.24, 0.19, 0.00, 0.43
HSL	226°, 14%, 50%
HSV	226°, 24%, 57%
XYZ	18.0197, 18.3162, 29.3737
YIQ	118.6860, -13.4350, 6.7010

# Conversions

## Conversions Part 2

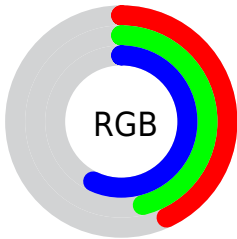
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 117, 145
Decimal	7239313
CIE <sub>Lab</sub>	49.88, 3.28, -15.65
CIE <sub>LCh</sub>	50, 15.989, 281.846
Yxy	18.3162, 0.2742, 0.2787
Android (android.graphics.Color)	4285429393 (0xFF6E7691)
YUV	118.6860, 12.9728, -7.6176
Hunter-Lab	42.7974, 0.2612, -10.7351

# Details

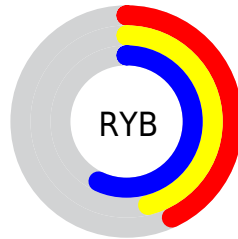
The Hex color **6E7691** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91896E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A2AAC7**, and **3D465F** is the 20% darker color. If you saturate the color by 10%, you get **606B91**, and if you desaturate by 10%, it is **7D8191**.

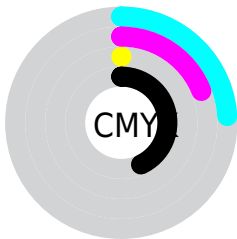
# Distribution



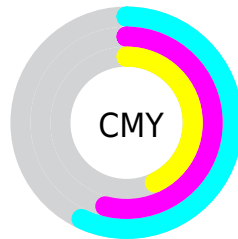
- Red (43%)
- Green (46%)
- Blue (57%)



- Red (43%)
- Yellow (46%)
- Blue (57%)



- Cyan (24%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (54%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E7691 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 6E7691 by changing the saturation by 10% instead.





6E7691



6E7691

FFFFFF



555D77



A2AAC7



3D465F



BDC5E3



273047



D9E1FF



101B30



F6FEFF



00001C



000000



6E7691



6E7691



606B91



7D8191



516091



8B8C91

■ 435491

■ 9A9891

■ 344991

■ A8A391

■ 263E91

■ B7AE91

■ 173391

■ C5B991

■ 092891

■ D4C491

■ 002191

■ E2CF91

■ F1DB91

# Harmonies

## Analogous

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



5D7A90



6E7691



80718B

# Triad

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



6E7691



916F65



5D7E6E

# Complementary

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



6E7691



91896E

# 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.



6C7B62



6E7691



89735D

# Square

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



6E7691



936D72



7B775C



537E7C

# Rectangle

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



6E7691



896F84



7B775C



627D69



# Sweetspot

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



6E7691



AFB3BD



6E9189



57595E



DEDEDE



5E5E5E



# Same Dimension

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



6E7691



8692BD



776E91



404247



001F87



000208



# Inverse Universe

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



916E76



BD8692



88916E



474042



87001F



080002



# Previews

## White Background



This preview shows how the Hex color 6E7691 looks on a white background.

## Color Contrast Check

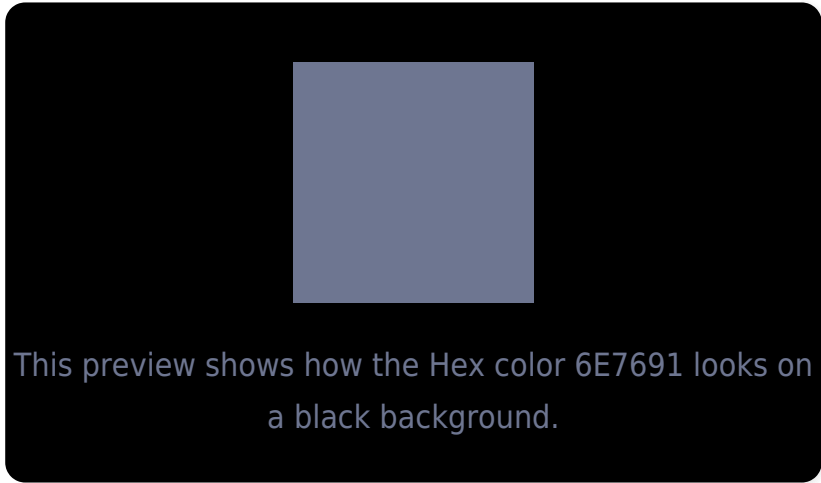
Large Text (above 18pt) WCAG AA ✓ Pass

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

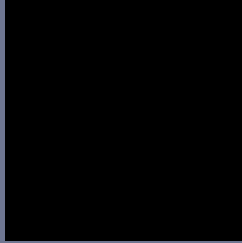
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

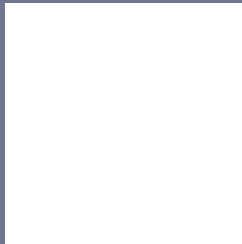
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E7691 Background



This preview shows how black text looks on a background with the Hex color 6E7691.



This preview shows how white text looks on a background with the Hex color 6E7691.

# 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**  
6E7691

**Protanopia**  
707591

**Deuteranopia**  
747491



**Tritanopia**  
6B7982

# Trichromacy



**Original Color**

6E7691

**Protanomaly**

6F7591

**Deuteranomaly**

727591

**Tritanomaly**

6C7887

# Monochromacy



**Original Color**

6E7691

**Achromatopsia**

777777

**Achromatomaly**

747780

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E7691 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 #6E7691 looks like.

```
.text, #text, p{  
    color:#6E7691  
}
```

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 #6E7691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7691
}
```

## Border

The CSS property to change the border of an element to Hex 6E7691 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
#6E7691 }
```

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

```
.border{ border-color:#6E7691 }
```

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

Here you see how a box with a 4 pixel #6E7691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7691; -webkit-box-shadow:4px 4px  
4px 4px #6E7691; box-shadow:4px 4px 4px  
4px #6E7691 }
```

# Background

The CSS property to change the background color of an element to Hex 6E7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7691 }
```

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

```
.background{ background-color:#6E7691 }
```

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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