

# Converting Colors

Hex(627796)

Have a look what the booklet for  
Hex(627796) contains.

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# Color

Hex(627796)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	627796
RGB	98, 119, 150
RGB Percent	38%, 47%, 59%
CMY	0.6157, 0.5333, 0.4118
CMYK	0.35, 0.21, 0.00, 0.41
HSL	216°, 21%, 49%
HSV	216°, 35%, 59%
XYZ	17.1388, 17.9923, 31.4237
YIQ	116.2550, -22.4670, 5.1890

# Conversions

## Conversions Part 2

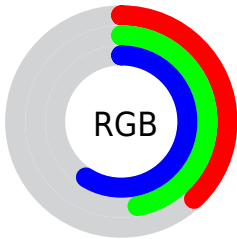
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 113, 150
Decimal	6453142
CIE Lab	49.49, 0.21, -19.26
CIE LCh	49, 19.262, 270.616
Yxy	17.9923, 0.2575, 0.2703
Android (android.graphics.Color)	4284643222 (0xFF627796)
YUV	116.2550, 16.6363, -16.0096
Hunter-Lab	42.4174, -2.1070, -14.2312

# Details

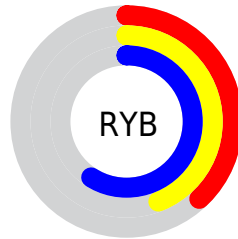
The Hex color **627796** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **968162**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **96ABCC**, and **314763** is the 20% darker color. If you saturate the color by 10%, you get **536E96**, and if you desaturate by 10%, it is **718096**.

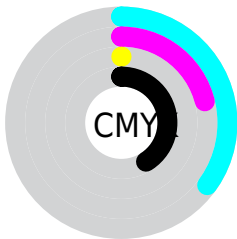
# Distribution



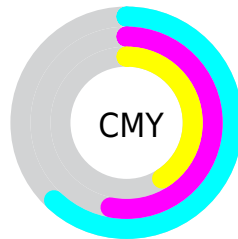
- Red (38%)
- Green (47%)
- Blue (59%)



- Red (38%)
- Yellow (44%)
- Blue (59%)



- Cyan (35%)
- Magenta (21%)
- Yellow (0%)
- Black (41%)



- Cyan (62%)
- Magenta (53%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627796 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 627796 by changing the saturation by 10% instead.





627796



627796

FFFFFF



495E7C



96ABCC



314763



B1C6E8



18314B



CDE2FF



001C34



EAFFFF



00021F



000003



000000



627796



627796



536E96



718096

■ 446596

■ 808996

■ 355C96

■ 8F9296

■ 265396

■ 9E9B96

■ 174A96

■ ADA496

■ 084196

■ BCAD96

■ 003D96

■ CBB696

■ DABF96

■ E9C796

# Harmonies

## Analogous

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



4E7C92



627796



797192

# Triad

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



627796



966B66



5D7D65

# Complementary

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



627796



968162

# 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.



707A59



627796



8F6F5A

# Square

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



627796



956A76



817555



4D7F75

# Rectangle

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



627796



866E8B



817555



637C60



# Sweetspot

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



627796



AEB6C2



629680



555A61



E0E0E0



616161



# Same Dimension

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



627796



7091C2



666296



43464A



00388A



00040A



# Inverse Universe

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



966277



C27091



929662



4A4346



8A0038



0A0004



# Previews

## White Background



This preview shows how the Hex color 627796 looks on a white background.

## Color Contrast Check

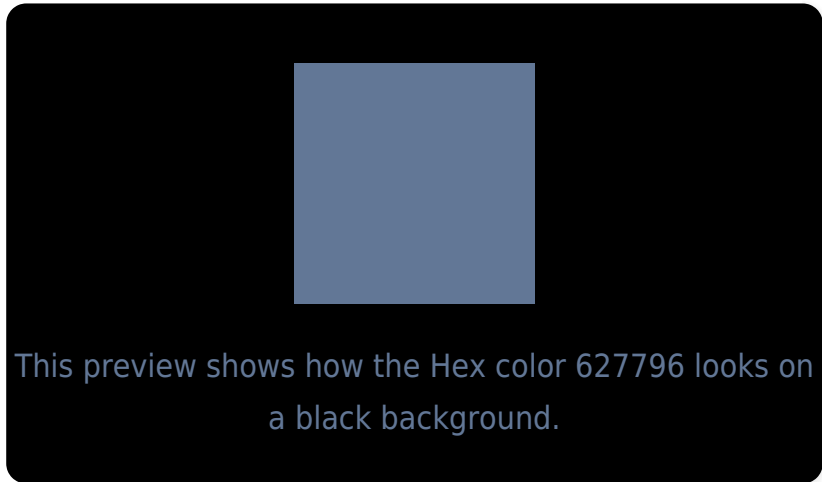
Large Text (above 18pt) WCAG AA ✓ Pass

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

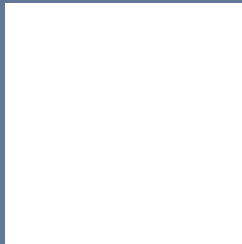
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 627796 Background



This preview shows how black text looks on a background with the Hex color 627796.

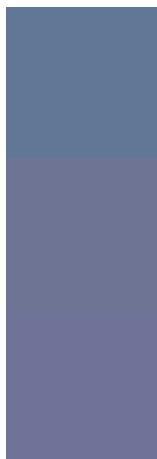


This preview shows how white text looks on a background with the Hex color 627796.

# 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**  
627796

**Protanopia**  
6E7494

**Deuteranopia**  
6F7397



**Tritanopia**  
5E7A84

# Trichromacy



**Original Color**  
627796

**Protanomaly**  
6A7595

**Deuteranomaly**  
6A7497

**Tritanomaly**  
5F798B

# Monochromacy



**Original Color**  
627796

**Achromatopsia**  
747474

**Achromatomaly**  
6D7580

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627796 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 #627796 looks like.

```
.text, #text, p{  
    color:#627796  
}
```

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 #627796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627796
}
```

## Border

The CSS property to change the border of an element to Hex 627796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

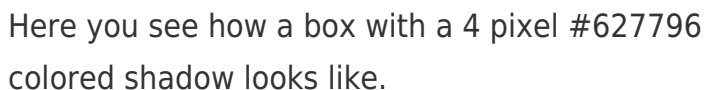
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#627796 }
```

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

```
.border{ border-color:#627796 }
```

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



Here you see how a box with a 4 pixel #627796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627796; -webkit-box-shadow:4px 4px  
4px 4px #627796; box-shadow:4px 4px 4px  
4px #627796 }
```

# Background

The CSS property to change the background color of an element to Hex 627796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627796 }
```

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

```
.background{ background-color:#627796 }
```

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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