

# Converting Colors

Hex(627690)

Have a look what the booklet for  
Hex(627690) contains.

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# Color

**Hex(627690)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	627690
RGB	98, 118, 144
RGB Percent	38%, 46%, 56%
CMY	0.6157, 0.5373, 0.4353
CMYK	0.32, 0.18, 0.00, 0.44
HSL	214°, 19%, 47%
HSV	214°, 32%, 56%
XYZ	16.5495, 17.5672, 28.9041
YIQ	114.9840, -20.2660, 3.8460

# Conversions

## Conversions Part 2

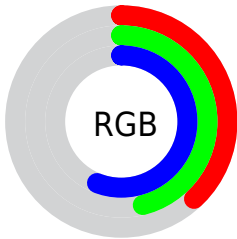
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 112, 144
Decimal	6452880
CIE Lab	48.97, -0.83, -16.53
CIE LCh	49, 16.546, 267.134
Yxy	17.5672, 0.2626, 0.2788
Android (android.graphics.Color)	4284642960 (0xFF627690)
YUV	114.9840, 14.3049, -14.8950
Hunter-Lab	41.9132, -2.8671, -11.5482

# Details

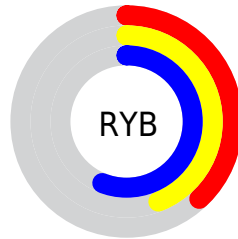
The Hex color **627690** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **907C62**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **96AAC6**, and **31465E** is the 20% darker color. If you saturate the color by 10%, you get **546E90**, and if you desaturate by 10%, it is **707E90**.

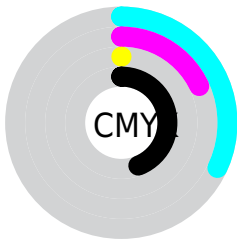
# Distribution



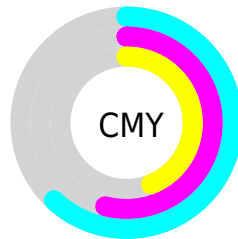
- Red (38%)
- Green (46%)
- Blue (56%)



- Red (38%)
- Yellow (44%)
- Blue (56%)



- Cyan (32%)
- Magenta (18%)
- Yellow (0%)
- Black (44%)



- Cyan (62%)
- Magenta (54%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627690 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 627690 by changing the saturation by 10% instead.



■ 627690

■ 627690

FFFFFF

■ 495D76

■ 96AAC6

■ 31465E

■ B1C5E2

■ 1A3046

■ CDE1FF

■ 011B2F

■ E9FEFF

■ 00011B

■ 000000

■ 627690

■ 627690

■ 546E90

■ 707E90

■ 456690

■ 7F8690

■ 375E90

■ 8D8E90

■ 285590

■ 9C9790

■ 1A4D90

■ AA9F90

■ 0C4590

■ B8A790

■ 003F90

■ C7AF90

■ D5B790

■ E4BF90

# Harmonies

## Analogous

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



527A8B



627690



75718D

# Triad

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



627690



916B68



617B65

# Complementary

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



627690



907C62

# 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.



71775B



627690



8C6E5D

# Square

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



627690



8F6A76



807359



537C72

# Rectangle

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



627690



806E87



807359



677A61



# Sweetspot

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



627690



A8B0BA



62907B



53585E



DEDEDE



5E5E5E



# Same Dimension

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



627690



7392BA



646290



404347



003B87



000308



# Inverse Universe

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



906276



BA7392



8E9062



474043



87003B



080003



# Previews

## White Background



This preview shows how the Hex color 627690 looks on a white background.

## Color Contrast Check

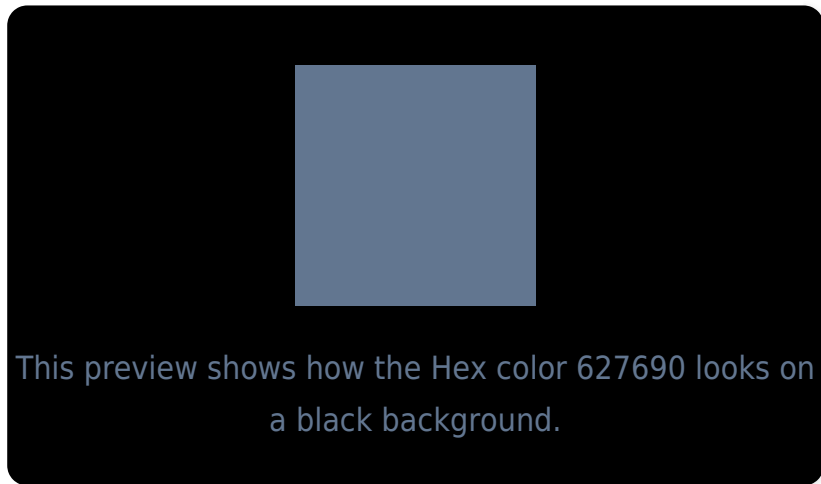
Large Text (above 18pt) WCAG AA ✓ Pass

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

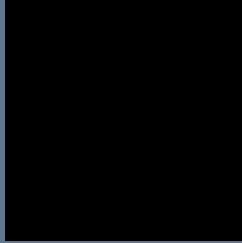
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

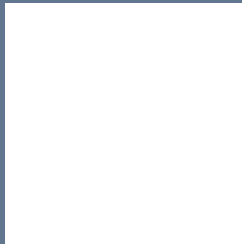
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 627690 Background



This preview shows how black text looks on a background with the Hex color 627690.



This preview shows how white text looks on a background with the Hex color 627690.

# 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**  
627690

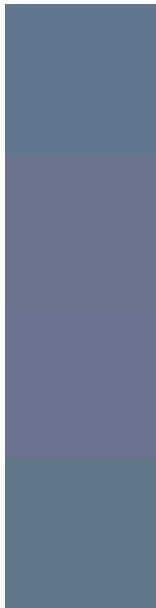
**Protanopia**  
6E738E

**Deuteranopia**  
717291



**Tritanopia**  
5F7882

# Trichromacy



**Original Color**  
627690

**Protanomaly**  
6A748F

**Deuteranomaly**  
6C7391

**Tritanomaly**  
607787

# Monochromacy



**Original Color**  
627690

**Achromatopsia**  
737373

**Achromatomaly**  
6D747E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627690 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 #627690 looks like.

```
.text, #text, p{  
    color:#627690  
}
```

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 #627690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627690
}
```

## Border

The CSS property to change the border of an element to Hex 627690 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
#627690 }
```

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

```
.border{ border-color:#627690 }
```

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

Here you see how a box with a 4 pixel #627690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627690; -webkit-box-shadow:4px 4px  
4px 4px #627690; box-shadow:4px 4px 4px  
4px #627690 }
```

# Background

The CSS property to change the background color of an element to Hex 627690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627690 }
```

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

```
.background{ background-color:#627690 }
```

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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