

# Converting Colors

Hex(637877)

Have a look what the booklet for  
Hex(637877) contains.

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# Color

Hex(637877)

# Conversions

## Conversions Part 1

Format	Color
Hex	637877
RGB	99, 120, 119
RGB Percent	39%, 47%, 47%
CMY	0.6118, 0.5294, 0.5333
CMYK	0.18, 0.00, 0.01, 0.53
HSL	177°, 10%, 43%
HSV	177°, 17%, 47%
XYZ	15.1918, 17.4175, 20.0140
YIQ	113.6070, -12.1950, -4.7630

# Conversions

## Conversions Part 2

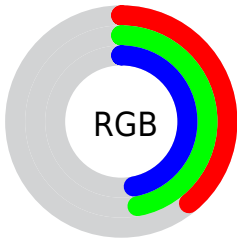
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 110, 120
Decimal	6518903
CIE <sub>Lab</sub>	48.78, -7.88, -2.02
CIE <sub>LCh</sub>	49, 8.139, 194.392
Yxy	17.4175, 0.2887, 0.3310
Android (android.graphics.Color)	4284708983 (0xFF637877)
YUV	113.6070, 2.6587, -12.8103
Hunter-Lab	41.7343, -8.0586, 0.7810

# Details

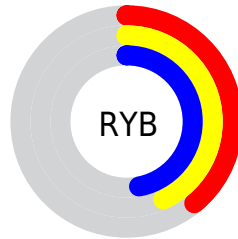
The Hex color **637877** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786364**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **96ACAB**, and **344847** is the 20% darker color. If you saturate the color by 10%, you get **577876**, and if you desaturate by 10%, it is **6F7878**.

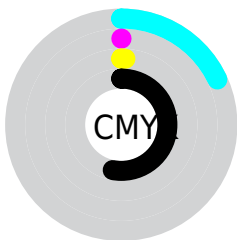
# Distribution



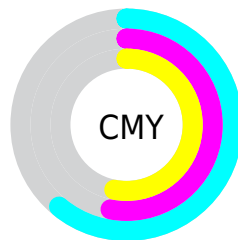
- Red (39%)
- Green (47%)
- Blue (47%)



- Red (39%)
- Yellow (43%)
- Blue (47%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 637877 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 637877 by changing the saturation by 10% instead.



■ 637877

■ 637877

FFFFFF

■ 4B5F5E

■ 96ACAB

■ 344847

■ B1C8C6

■ 1E3130

■ CCE4E2

■ 091C1C

■ E9FFFF

■ 000000

■ 637877

■ 637877

■ 577876

■ 6F7878

■ 4B7876

■ 7B7878

■ 3F7875

■ 877879

■ 337875

■ 937879

■ 277874

■ 9F787A

■ 1B7874

■ AB787A

■ 0F7873

■ B7787B

■ 037872

■ C3787C

■ 007872

■ CF787C

# Harmonies

## Analogous

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



677870



637877



64777D

# Triad

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



637877



79717E



7D7267

# Complementary

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



637877



786364

# 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.



82706B



637877



807078

# Square

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



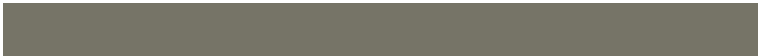
637877



717381



836F71



767467

# Rectangle

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



637877



677680



836F71



7F7168



# Sweetspot

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



637877



949C9B



647863



4A4F4F



CFCFCF



4F4F4F



# Same Dimension

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



637877



7B9C9A



636F78



373D3D



007D77



00FCF0



# Inverse Universe

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



786364



9C7B7C



786C63



3D3737



7D0006



FC000C



# Previews

## White Background



This preview shows how the Hex color 637877 looks on a white background.

## Color Contrast Check

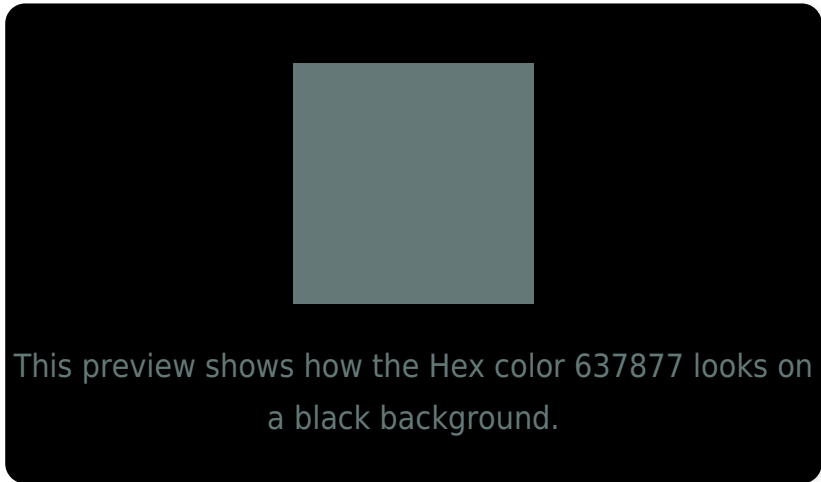
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

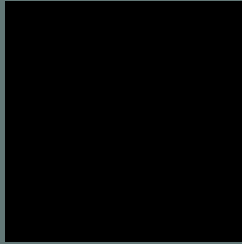
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

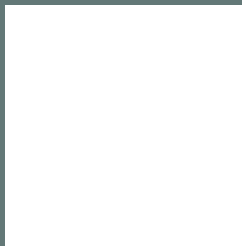
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 637877 Background



This preview shows how black text looks on a background with the Hex color 637877.



This preview shows how white text looks on a background with the Hex color 637877.

# 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**  
637877

**Protanopia**  
757374

**Deuteranopia**  
7D7079



**Tritanopia**  
657780

# Trichromacy



**Original Color**  
63877

**Protanomaly**  
6E7575

**Deuteranomaly**  
747378

**Tritanomaly**  
64777D

# Monochromacy



**Original Color**  
63877

**Achromatopsia**  
727272

**Achromatomaly**  
6D7474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 637877 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 #637877 looks like.

```
.text, #text, p{  
    color:#637877  
}
```

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 #637877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637877
}
```

## Border

The CSS property to change the border of an element to Hex 637877 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
#637877 }
```

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

```
.border{ border-color:#637877 }
```

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

Here you see how a box with a 4 pixel #637877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637877; -webkit-box-shadow:4px 4px  
4px 4px #637877; box-shadow:4px 4px 4px  
4px #637877 }
```

# Background

The CSS property to change the background color of an element to Hex 637877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637877 }
```

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

```
.background{ background-color:#637877 }
```

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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