

# Converting Colors

Hex(637388)

Have a look what the booklet for  
Hex(637388) contains.

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# Color

**Hex(637388)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	637388
RGB	99, 115, 136
RGB Percent	39%, 45%, 53%
CMY	0.6118, 0.5490, 0.4667
CMYK	0.27, 0.15, 0.00, 0.47
HSL	214°, 16%, 46%
HSV	214°, 27%, 53%
XYZ	15.7203, 16.6917, 25.6858
YIQ	112.6100, -16.2770, 3.1390

# Conversions

## Conversions Part 2

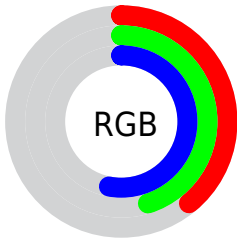
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 110, 136
Decimal	6517640
CIE Lab	47.87, -0.84, -13.46
CIE LCh	48, 13.485, 266.431
Yxy	16.6917, 0.2706, 0.2873
Android (android.graphics.Color)	4284707720 (0xFF637388)
YUV	112.6100, 11.5313, -11.9360
Hunter-Lab	40.8555, -2.8143, -8.6768

# Details

The Hex color **637388** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **887863**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **96A7BD**, and **334356** is the 20% darker color. If you saturate the color by 10%, you get **556B88**, and if you desaturate by 10%, it is **717B88**.

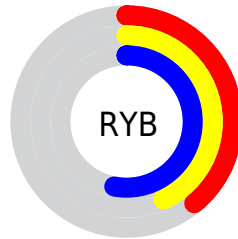
# Distribution



Red (39%)

Green (45%)

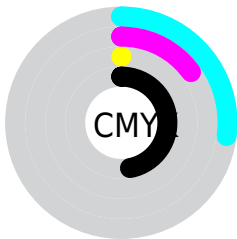
Blue (53%)



Red (39%)

Yellow (43%)

Blue (53%)

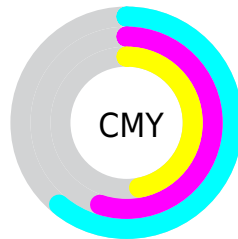


Cyan (27%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (61%)

Magenta (55%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 637388 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 637388 by changing the saturation by 10% instead.



■ 637388

■ 637388

FFFFFF

■ 4B5A6F

■ 96A7BD

■ 334356

■ B1C2D9

■ 1C2D3F

■ CDDEF6

■ 061929

■ E9FAFF

■ 000114

■ 000000

■ 637388

■ 637388

■ 556B88

■ 717B88

■ 486488

■ 7E8288

■ 3A5C88

■ 8C8A88

■ 2D5488

■ 999288

■ 1F4C88

■ A79A88

■ 114588

■ B5A188

■ 043D88

■ C2A988

■ 003B88

■ D0B188

■ DDB888

# Harmonies

## Analogous

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



577684



637388



726F86

# Triad

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



637388



896A68



637765

# Complementary

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



637388



887863

# 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.



70745D



637388



856D5F

# Square

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



637388



876A73



7C705B



587870

# Rectangle

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



637388



7B6D81



7C705B



677662



# Sweetspot

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



637388



A2A8B0



638878



505459



D9D9D9



595959



# Same Dimension

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



637388



768FB0



656388



3E4145



003985



000205



# Inverse Universe

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



886373



B0768F



868863



453E41



850039



050002



# Previews

## White Background



This preview shows how the Hex color 637388 looks on a white background.

## Color Contrast Check

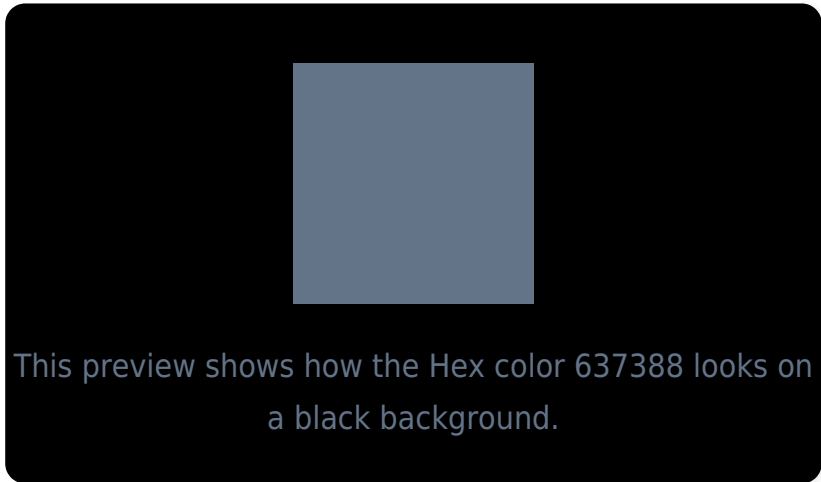
Large Text (above 18pt) WCAG AA ✓ Pass

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

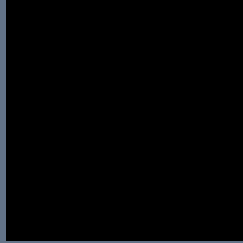
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

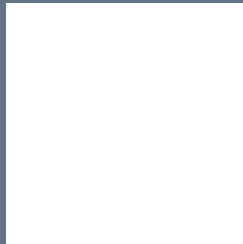
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 637388 Background



This preview shows how black text looks on a background with the Hex color 637388.

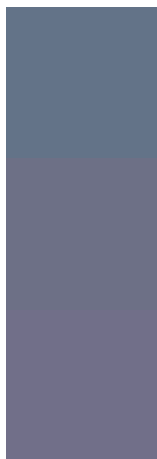


This preview shows how white text looks on a background with the Hex color 637388.

# 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**  
637388

**Protanopia**  
6D7086

**Deuteranopia**  
716F89



**Tritanopia**  
61757E

# Trichromacy



**Original Color**  
637388

**Protanomaly**  
697187

**Deuteranomaly**  
6C7089

**Tritanomaly**  
627482

# Monochromacy



**Original Color**  
637388

**Achromatopsia**  
717171

**Achromatomaly**  
6C7279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 637388 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 #637388 looks like.

```
.text, #text, p{  
    color:#637388  
}
```

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 #637388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637388
}
```

## Border

The CSS property to change the border of an element to Hex 637388 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
#637388 }
```

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

```
.border{ border-color:#637388 }
```

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

Here you see how a box with a 4 pixel #637388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637388; -webkit-box-shadow:4px 4px  
4px 4px #637388; box-shadow:4px 4px 4px  
4px #637388 }
```

# Background

The CSS property to change the background color of an element to Hex 637388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637388 }
```

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

```
.background{ background-color:#637388 }
```

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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