

# Converting Colors

Hex(637289)

Have a look what the booklet for  
Hex(637289) contains.

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# Color

Hex(637289)

# Conversions

## Conversions Part 1

Format	Color
Hex	637289
RGB	99, 114, 137
RGB Percent	39%, 45%, 54%
CMY	0.6118, 0.5529, 0.4627
CMYK	0.28, 0.17, 0.00, 0.46
HSL	216°, 16%, 46%
HSV	216°, 28%, 54%
XYZ	15.6783, 16.4934, 26.0241
YIQ	112.1370, -16.3230, 3.9730

# Conversions

## Conversions Part 2

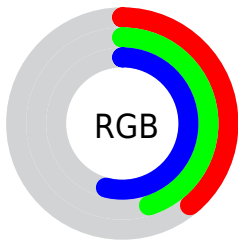
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 110, 137
Decimal	6517385
CIE Lab	47.62, 0.01, -14.44
CIE LCh	48, 14.437, 270.041
Yxy	16.4934, 0.2694, 0.2834
Android (android.graphics.Color)	4284707465 (0xFF637289)
YUV	112.1370, 12.2575, -11.5211
Hunter-Lab	40.6121, -2.1614, -9.5644

# Details

The Hex color **637289** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **897A63**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **96A6BE**, and **334257** is the 20% darker color. If you saturate the color by 10%, you get **556A89**, and if you desaturate by 10%, it is **717A89**.

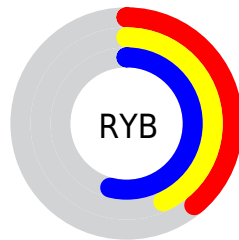
# Distribution



Red (39%)

Green (45%)

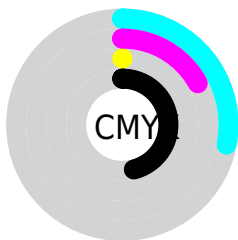
Blue (54%)



Red (39%)

Yellow (43%)

Blue (54%)

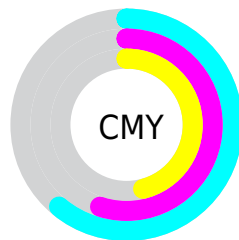


Cyan (28%)

Magenta (17%)

Yellow (0%)

Black (46%)



Cyan (61%)

Magenta (55%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 637289 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 637289 by changing the saturation by 10% instead.



■ 637289

■ 637289

FFFFFF

■ 4B5A70

■ 96A6BE

■ 334257

■ B1C1DA

■ 1C2C40

■ CDDDF7

■ 05182A

■ E9F9FF

■ 000115

■ 000000

■ 637289

■ 637289

■ 556A89

■ 717A89

■ 486189

■ 7E8389

■ 3A5989

■ 8C8B89

■ 2C5189

■ 9A9389

■ 1E4989

■ A89B89

■ 114089

■ B5A489

■ 033889

■ C3AC89

■ 003689

■ D1B489

■ DEBD89

# Harmonies

## Analogous

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



557586



637289



736E86

# Triad

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



637289



8A6965



5F7764

# Complementary

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



637289



897A63

# 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.



6D745C



637289



856C5C

# Square

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



637289



896871



7A7059



547871

# Rectangle

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



637289



7D6B81



7A7059



647661



# Sweetspot

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



637289



A4AAB3



63897A



505459



D9D9D9



595959



# Same Dimension

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



637289



788FB3



676389



3E4145



003485



000205



# Inverse Universe

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



896372



B3788F



858963



453E41



850034



050002



# Previews

## White Background



This preview shows how the Hex color 637289 looks on a white background.

## Color Contrast Check

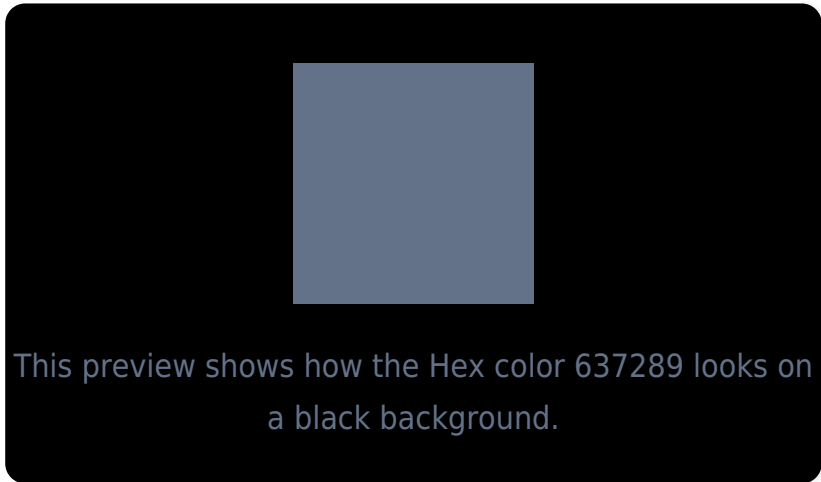
Large Text (above 18pt) WCAG AA ✓ Pass

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

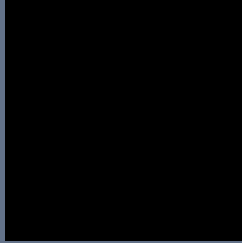
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

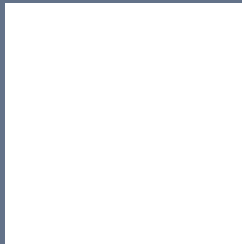
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 637289 Background



This preview shows how black text looks on a background with the Hex color 637289.



This preview shows how white text looks on a background with the Hex color 637289.

# 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**  
637289

**Protanopia**  
6C7087

**Deuteranopia**  
6F6E8A



**Tritanopia**  
61747D

# Trichromacy



**Original Color**  
637289

**Protanomaly**  
697188

**Deuteranomaly**  
6B6F8A

**Tritanomaly**  
627381

# Monochromacy



**Original Color**  
637289

**Achromatopsia**  
707070

**Achromatomaly**  
6B7179

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 637289 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 #637289 looks like.

```
.text, #text, p{  
    color:#637289  
}
```

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 #637289 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637289
}
```

## Border

The CSS property to change the border of an element to Hex 637289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

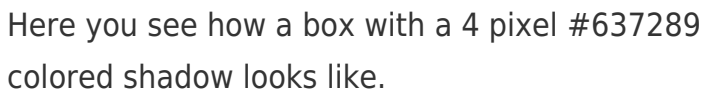
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#637289 }
```

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

```
.border{ border-color:#637289 }
```

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



Here you see how a box with a 4 pixel #637289 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637289; -webkit-box-shadow:4px 4px  
4px 4px #637289; box-shadow:4px 4px 4px  
4px #637289 }
```

# Background

The CSS property to change the background color of an element to Hex 637289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637289 }
```

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

```
.background{ background-color:#637289 }
```

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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