

Converting Colors

Hex(637986)

Have a look what the booklet for
Hex(637986) contains.

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Color

Hex(637986)

Conversions

Conversions Part 1

Format	Color
Hex	637986
RGB	99, 121, 134
RGB Percent	39%, 47%, 53%
CMY	0.6118, 0.5255, 0.4745
CMYK	0.26, 0.10, 0.00, 0.47
HSL	202°, 15%, 46%
HSV	202°, 26%, 53%
XYZ	16.2860, 18.0486, 25.1796
YIQ	115.9040, -17.2850, -0.6210

Conversions

Conversions Part 2

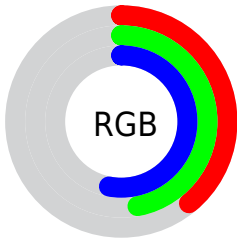
Format	Color
R_{YB}	99, 113, 134
Decimal	6519174
CIE Lab	49.56, -4.85, -9.73
CIE LCh	50, 10.877, 243.507
Yxy	18.0486, 0.2736, 0.3033
Android (android.graphics.Color)	4284709254 (0xFF637986)
YUV	115.9040, 8.9213, -14.8248
Hunter-Lab	42.4837, -5.9188, -5.4020

Details

The Hex color **637986** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **867063**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **96ADBB**, and **334954** is the 20% darker color. If you saturate the color by 10%, you get **567486**, and if you desaturate by 10%, it is **707E86**.

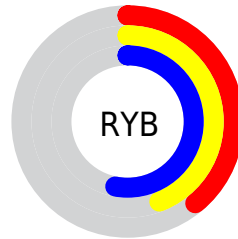
Distribution



Red (39%)

Green (47%)

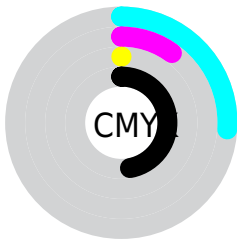
Blue (53%)



Red (39%)

Yellow (44%)

Blue (53%)

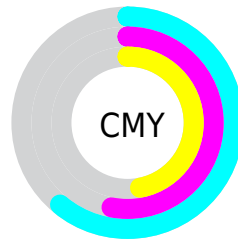


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (61%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637986 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 637986 by changing the saturation by 10% instead.

637986

637986

FFFFFF

4B606D

96ADBB

334954

B1C9D7

1C323D

CDE5F3

061D27

E9FFFF

000113

000000

637986

637986

567486

707E86

486F86

7E8386

■ 3B6A86

■ 8B8886

■ 2D6586

■ 998D86

■ 206086

■ A69286

■ 135B86

■ B39786

■ 055686

■ C19C86

■ 005486

■ CEA186

■ DCA686

Harmonies

Analogous

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



5E7B80



637986



6D7688

Triad

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



637986



896F75



727866

Complementary

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



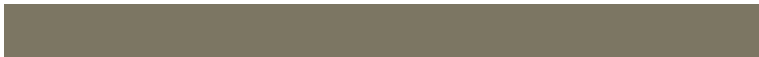
637986



867063

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.



7C7663



637986



89706C

Square

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



637986



83717E



857366



687A6D

Rectangle

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



637986



757487



857366



757765

Sweetspot

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



637986



A0A8AD



638670



4E5357



D6D6D6



575757

Same Dimension

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



637986



7899AD



636886



3C4042



005282



000203

Inverse Universe

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



866379



AD7899



868163



423C40



820052



030002

Previews

White Background



This preview shows how the Hex color 637986 looks on a white background.

Color Contrast Check

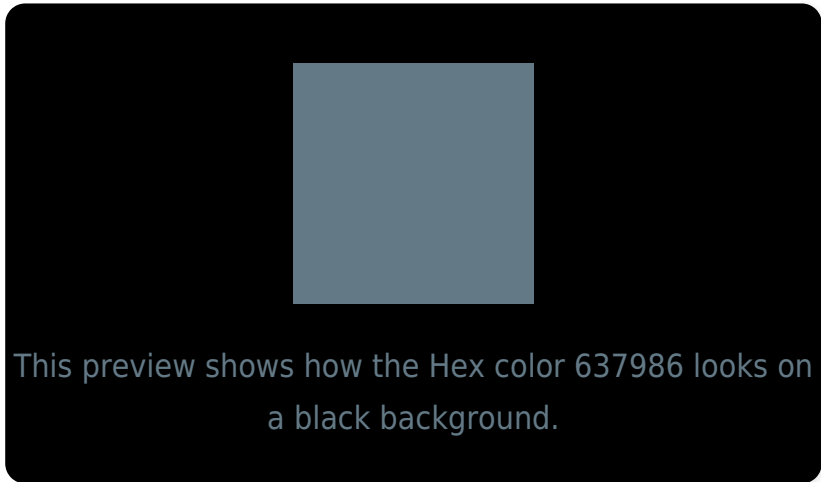
Large Text (above 18pt) WCAG AA ✓ Pass

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

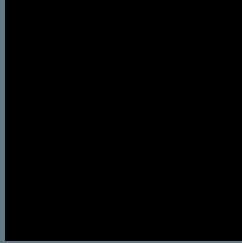
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

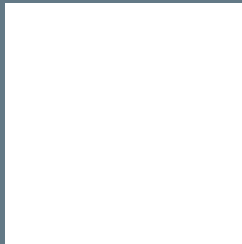
Any Text WCAG AAA × Fail

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

Hex 637986 Background



This preview shows how black text looks on a background with the Hex color 637986.

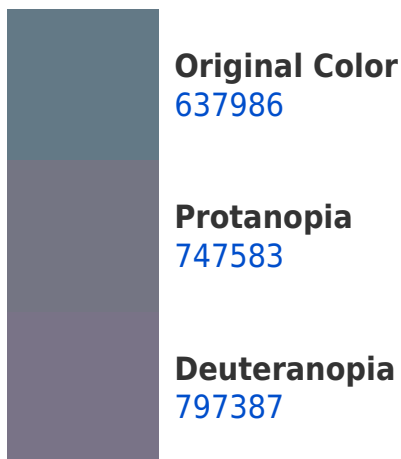


This preview shows how white text looks on a background with the Hex color 637986.

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](#).

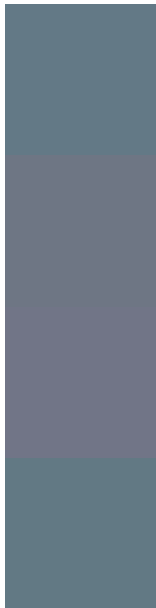
Dichromacy





Tritanopia
627983

Trichromacy



Original Color
637986

Protanomaly
6E7684

Deuteranomaly
717587

Tritanomaly
627984

Monochromacy



Original Color
637986

Achromatopsia
747474

Achromatomaly
6E767B

CSS Examples

Text

The CSS property to change the color of the text to Hex 637986 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 #637986 looks like.

```
.text, #text, p{  
    color:#637986  
}
```

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 #637986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637986
}
```

Border

The CSS property to change the border of an element to Hex 637986 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
#637986 }
```

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

```
.border{ border-color:#637986 }
```

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

Here you see how a box with a 4 pixel #637986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637986; -webkit-box-shadow:4px 4px  
4px 4px #637986; box-shadow:4px 4px 4px  
4px #637986 }
```

Background

The CSS property to change the background color of an element to Hex 637986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637986 }
```

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

```
.background{ background-color:#637986 }
```

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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