

Converting Colors

Hex(637380)

Have a look what the booklet for
Hex(637380) contains.

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Color

Hex(637380)

Conversions

Conversions Part 1

Format	Color
Hex	637380
RGB	99, 115, 128
RGB Percent	39%, 45%, 50%
CMY	0.6118, 0.5490, 0.4980
CMYK	0.23, 0.10, 0.00, 0.50
HSL	207°, 13%, 45%
HSV	207°, 23%, 50%
XYZ	15.1726, 16.4726, 22.8019
YIQ	111.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

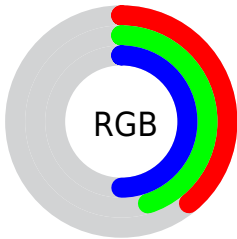
Format	Color
R_{YB}	99, 109, 128
Decimal	6517632
CIE Lab	47.59, -2.85, -9.13
CIE LCh	48, 9.569, 252.642
Yxy	16.4726, 0.2787, 0.3025
Android (android.graphics.Color)	4284707712 (0xFF637380)
YUV	111.6980, 8.0369, -11.1361
Hunter-Lab	40.5865, -4.2970, -4.8992

Details

The Hex color **637380** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807063**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **96A7B5**, and **34434F** is the 20% darker color. If you saturate the color by 10%, you get **566D80**, and if you desaturate by 10%, it is **707980**.

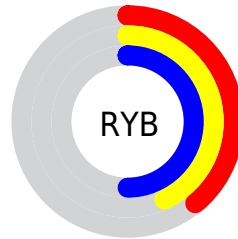
Distribution



Red (39%)

Green (45%)

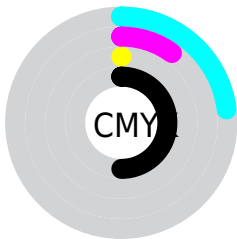
Blue (50%)



Red (39%)

Yellow (43%)

Blue (50%)

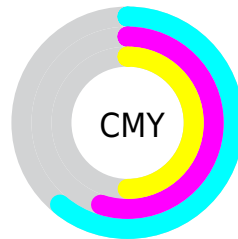


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (50%)



Cyan (61%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637380 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 637380 by changing the saturation by 10% instead.

■ 637380

■ 637380

FFFFFF

■ 4B5A67

■ 96A7B5

■ 34434F

■ B1C2D0

■ 1E2D38

■ CDDEED

■ 081823

■ E9FAFF

■ 00000C

■ 000000

■ 637380

■ 637380

■ 566D80

■ 707980

■ 496880

■ 7D7E80

■ 3D6280

■ 898480

■ 305C80

■ 968A80

■ 235680

■ A39080

■ 165180

■ B09580

■ 094B80

■ BD9B80

■ 004780

■ C9A180

■ D6A780

Harmonies

Analogous

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



5D757B



637380



6D7080

Triad

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



637380



826B6E



6B7465

Complementary

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



637380



807063

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.



747161



637380



816D66

Square

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



637380



7E6C76



7C6F62



62756C

Rectangle

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



637380



736F7E



7C6F62



6E7363

Sweetspot

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



637380



9AA1A6



638070



4D5154



D4D4D4



545454

Same Dimension

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



637380



7992A6



636580



393D40



004680



000000

Inverse Universe

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



806373



A67992



807E63



40393D



800046



000000

Previews

White Background



This preview shows how the Hex color 637380 looks on a white background.

Color Contrast Check

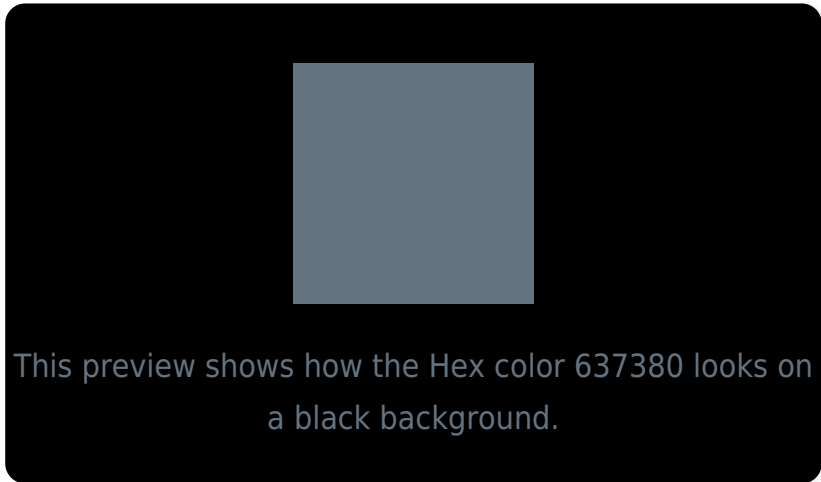
Large Text (above 18pt) WCAG AA ✓ Pass

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

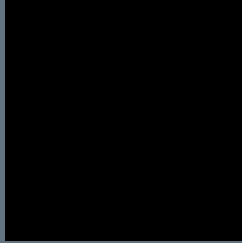
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

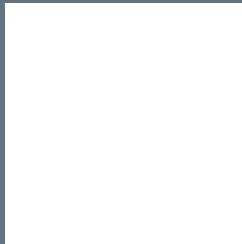
Any Text WCAG AAA × Fail

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

Hex 637380 Background



This preview shows how black text looks on a background with the Hex color 637380.

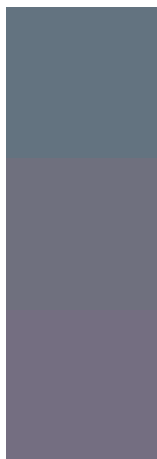


This preview shows how white text looks on a background with the Hex color 637380.

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
637380

Protanopia
6F707E

Deuteranopia
746E81



Tritanopia
62747D

Trichromacy



Original Color
637380

Protanomaly
6B717F

Deuteranomaly
6E7081

Tritanomaly
62747E

Monochromacy



Original Color
637380

Achromatopsia
707070

Achromatomaly
6B7176

CSS Examples

Text

The CSS property to change the color of the text to Hex 637380 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 #637380 looks like.

```
.text, #text, p{  
    color:#637380  
}
```

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 #637380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637380
}
```

Border

The CSS property to change the border of an element to Hex 637380 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
#637380 }
```

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

```
.border{ border-color:#637380 }
```

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

Here you see how a box with a 4 pixel #637380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637380; -webkit-box-shadow:4px 4px  
4px 4px #637380; box-shadow:4px 4px 4px  
4px #637380 }
```

Background

The CSS property to change the background color of an element to Hex 637380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637380 }
```

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

```
.background{ background-color:#637380 }
```

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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