

Converting Colors

Hex(637767)

Have a look what the booklet for
Hex(637767) contains.

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Color

Hex(637767)

Conversions

Conversions Part 1

Format	Color
Hex	637767
RGB	99, 119, 103
RGB Percent	39%, 47%, 40%
CMY	0.6118, 0.5333, 0.5961
CMYK	0.17, 0.00, 0.13, 0.53
HSL	132°, 9%, 43%
HSV	132°, 17%, 47%
XYZ	14.1906, 16.8256, 15.3317
YIQ	111.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

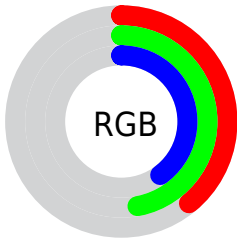
Format	Color
R_{YB}	99, 116, 119
Decimal	6518631
CIE Lab	48.04, -10.78, 6.36
CIE LCh	48, 12.519, 149.449
Yxy	16.8256, 0.3062, 0.3630
Android (android.graphics.Color)	4284708711 (0xFF637767)
YUV	111.1960, -4.0406, -10.6959
Hunter-Lab	41.0190, -10.0308, 6.5524

Details

The Hex color **637767** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776373**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **96AB9A**, and **344738** is the 20% darker color. If you saturate the color by 10%, you get **57775D**, and if you desaturate by 10%, it is **6F7771**.

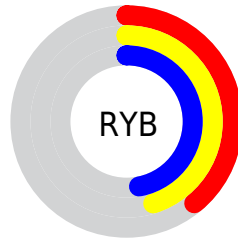
Distribution



Red (39%)

Green (47%)

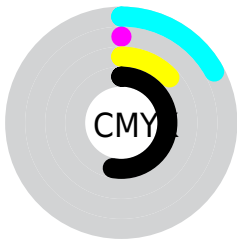
Blue (40%)



Red (39%)

Yellow (45%)

Blue (47%)

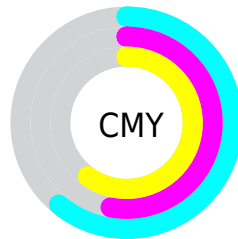


Cyan (17%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (61%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637767 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 637767 by changing the saturation by 10% instead.

637767

637767

FFFFFF

4B5E4F

96AB9A

344738

B1C7B5

1E3023

CCE3D0

091B0D

E8FFED

000000

637767

637767

57775D

6F7771

4B7754

7B777A

3F774A

877784

■ 337741

■ 93778D

■ 287737

■ 9F7797

■ 1C772E

■ AA77A0

■ 107724

■ B677AA

■ 04771B

■ C277B3

■ 007718

■ CE77BD

Harmonies

Analogous

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



6F7560



637767



5A7871

Triad

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



637767



667387



886B68

Complementary

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



637767



776373

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.



876B73



637767



746F84

Square

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



637767



5B7684



806C7D



846E60

Rectangle

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



637767



567879



806C7D



886B6B

Sweetspot

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



637767



949C95



737763



4A4F4B



CFCFCF



4F4F4F

Same Dimension

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



637767



7C9C83



637771



353B36



007A18



00FA32

Inverse Universe

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



776373



9C7C95



776369



3B3539



7A0062



FA00C8

Previews

White Background



This preview shows how the Hex color 637767 looks on a white background.

Color Contrast Check

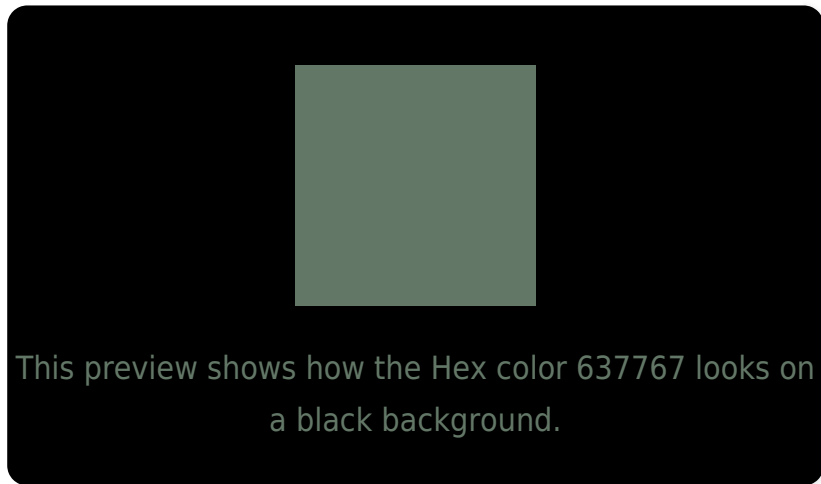
Large Text (above 18pt) WCAG AA ✓ Pass

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

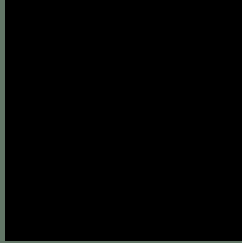
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

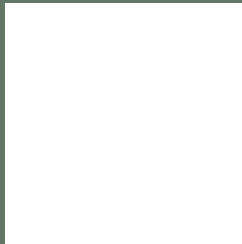
Any Text WCAG AAA × Fail

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

Hex 637767 Background



This preview shows how black text looks on a background with the Hex color 637767.

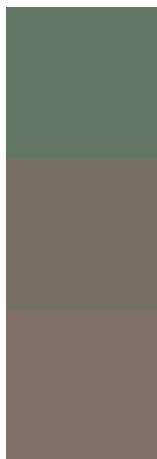


This preview shows how white text looks on a background with the Hex color 637767.

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
637767

Protanopia
777164

Deuteranopia
806E69



Tritanopia
67747D

Trichromacy



Original Color
637767

Protanomaly
707365

Deuteranomaly
757168

Tritanomaly
667575

Monochromacy



Original Color
637767

Achromatopsia
6F6F6F

Achromatomaly
6B726C

CSS Examples

Text

The CSS property to change the color of the text to Hex 637767 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 #637767 looks like.

```
.text, #text, p{  
    color:#637767  
}
```

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 #637767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637767
}
```

Border

The CSS property to change the border of an element to Hex 637767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

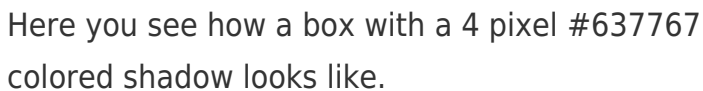
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#637767 }
```

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

```
.border{ border-color:#637767 }
```

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



Here you see how a box with a 4 pixel #637767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637767; -webkit-box-shadow:4px 4px  
4px 4px #637767; box-shadow:4px 4px 4px  
4px #637767 }
```

Background

The CSS property to change the background color of an element to Hex 637767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637767 }
```

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

```
.background{ background-color:#637767 }
```

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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