

Converting Colors

Hex(637765)

Have a look what the booklet for
Hex(637765) contains.

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Color

Hex(637765)

Conversions

Conversions Part 1

Format	Color
Hex	637765
RGB	99, 119, 101
RGB Percent	39%, 47%, 40%
CMY	0.6118, 0.5333, 0.6039
CMYK	0.17, 0.00, 0.15, 0.53
HSL	126°, 9%, 43%
HSV	126°, 17%, 47%
XYZ	14.0914, 16.7859, 14.8092
YIQ	110.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

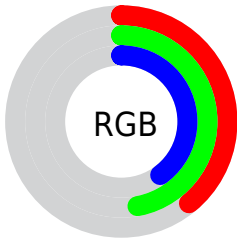
Format	Color
R _Y B	99, 117, 119
Decimal	6518629
CIE Lab	47.99, -11.18, 7.47
CIE LCh	48, 13.450, 146.252
Yxy	16.7859, 0.3084, 0.3674
Android (android.graphics.Color)	4284708709 (0xFF637765)
YUV	110.9680, -4.9142, -10.4959
Hunter-Lab	40.9706, -10.3054, 7.2484

Details

The Hex color **637765** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776375**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **96AB98**, and **344736** is the 20% darker color. If you saturate the color by 10%, you get **57775A**, and if you desaturate by 10%, it is **6F7770**.

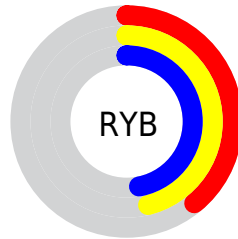
Distribution



Red (39%)

Green (47%)

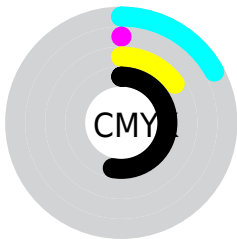
Blue (40%)



Red (39%)

Yellow (46%)

Blue (47%)

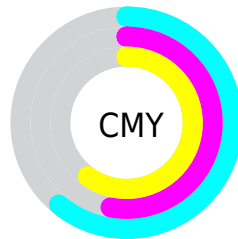


Cyan (17%)

Magenta (0%)

Yellow (15%)

Black (53%)



Cyan (61%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637765 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 637765 by changing the saturation by 10% instead.



637765



637765

FFFFFF



4B5E4D



96AB98



344736



B1C7B3



1E3021



CCE3CE



091B0A



E8FFEA



000000



637765



637765



57775A



6F7770



4B7750



7B777A



3F7745



877785

■ 33773A

■ 937790

■ 28772F

■ 9F779B

■ 1C7725

■ AA77A5

■ 10771A

■ B677B0

■ 04770F

■ C277BB

■ 00770C

■ CE77C5

Harmonies

Analogous

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



70745D



637765



587870

Triad

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



637765



637388



8A6A68

Complementary

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



637765



776375

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.



886A74



637765



726F86

Square

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



637765



577684



7F6C7F



856D5F

Rectangle

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



637765



547878



7F6C7F



8A6A6C

Sweetspot

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



637765



949C95



757763



4A4F4B



CFCFCF



4F4F4F

Same Dimension

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



637765



7C9C80



63776F



353B35



007A0C



00FA19

Inverse Universe

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



776375



9C7C98



77636B



3B353A



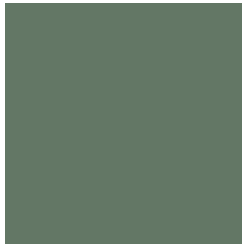
7A006E



FA00E1

Previews

White Background



This preview shows how the Hex color 637765 looks on a white background.

Color Contrast Check

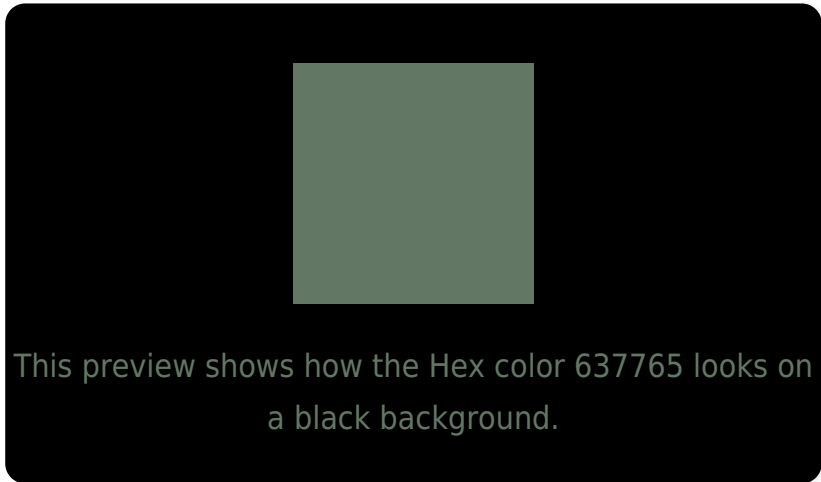
Large Text (above 18pt) WCAG AA ✓ Pass

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

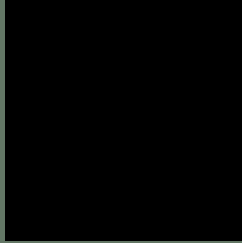
Any Text WCAG AA × Fail

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 637765 Background



This preview shows how black text looks on a background with the Hex color 637765.

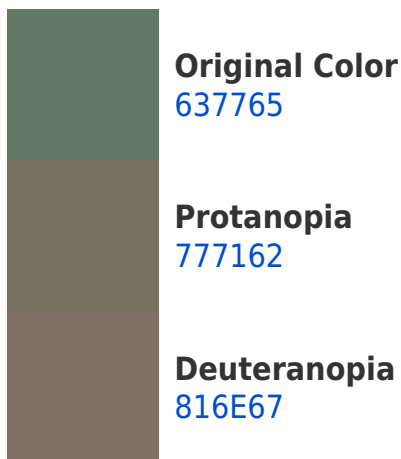


This preview shows how white text looks on a background with the Hex color 637765.

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](#).

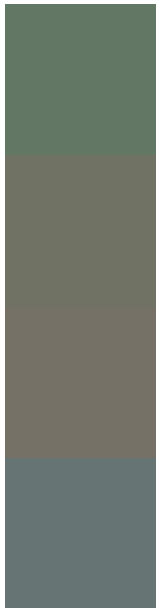
Dichromacy





Tritanopia
67747D

Trichromacy



Original Color
637765

Protanomaly
707363

Deuteranomaly
767166

Tritanomaly
667574

Monochromacy



Original Color
637765

Achromatopsia
6F6F6F

Achromatomaly
6B726B

CSS Examples

Text

The CSS property to change the color of the text to Hex 637765 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 #637765 looks like.

```
.text, #text, p{  
    color:#637765  
}
```

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 #637765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637765
}
```

Border

The CSS property to change the border of an element to Hex 637765 is called "border". The border property can be set on classes, ids or directly on the HTML element.

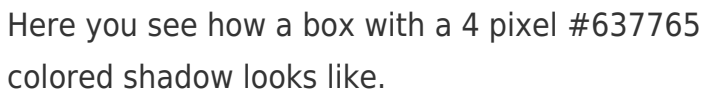
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#637765 }
```

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

```
.border{ border-color:#637765 }
```

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



Here you see how a box with a 4 pixel #637765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637765; -webkit-box-shadow:4px 4px  
4px 4px #637765; box-shadow:4px 4px 4px  
4px #637765 }
```

Background

The CSS property to change the background color of an element to Hex 637765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637765 }
```

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

```
.background{ background-color:#637765 }
```

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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