

Converting Colors

Hex(637063)

Have a look what the booklet for
Hex(637063) contains.

Hex(637063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(637063)

Conversions

Conversions Part 1

Format	Color
Hex	637063
RGB	99, 112, 99
RGB Percent	39%, 44%, 39%
CMY	0.6118, 0.5608, 0.6118
CMYK	0.12, 0.00, 0.12, 0.56
HSL	120°, 6%, 41%
HSV	120°, 12%, 44%
XYZ	13.1919, 15.1418, 14.0318
YIQ	106.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

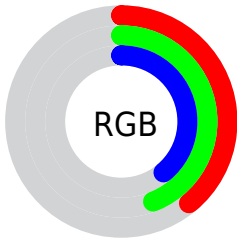
Format	Color
R_{YB}	99, 112, 112
Decimal	6516835
CIE _{Lab}	45.83, -7.62, 5.58
CIE _{LCh}	46, 9.446, 143.804
Yxy	15.1418, 0.3114, 0.3574
Android (android.graphics.Color)	4284706915 (0xFF637063)
YUV	106.6310, -3.7621, -6.6924
Hunter-Lab	38.9125, -7.5829, 5.8589

Details

The Hex color **637063** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **706370**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **96A496**, and **344035** is the 20% darker color. If you saturate the color by 10%, you get **587058**, and if you desaturate by 10%, it is **6E706E**.

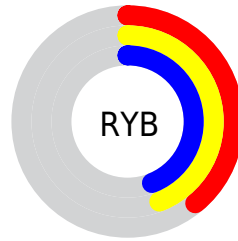
Distribution



Red (39%)

Green (44%)

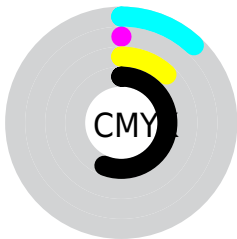
Blue (39%)



Red (39%)

Yellow (44%)

Blue (44%)

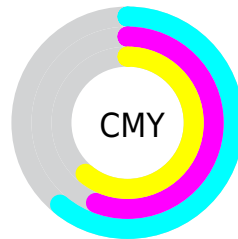


Cyan (12%)

Magenta (0%)

Yellow (12%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637063 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 637063 by changing the saturation by 10% instead.

 637063

 637063

FFFFFF

 4B584B

 96A496

 344035

 B1BFB0

 1F2A1F

 CCDBCC

 081607

 E8F7E8

 000000

 637063

 637063

 587058

 6E706E

 4D704D

 797079

 417041

 857085

 367036


 907090

 2B702B

 9B709B

 207020

 A670A6

 157015

 B170B1

 097009

 BD70BD

 007000

 C870C8

Harmonies

Analogous

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



6C6E5E



637063



5C716B

Triad

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



637063



626E7C



7D6766

Complementary

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



637063



706370

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.



7C676E



637063



6C6B7B

Square

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



637063



5B7079



756976



7B6960

Rectangle

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



637063



597170



756976



7D6769

Sweetspot

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



637063



8D918D



707063



474A47



C9C9C9



4A4A4A

Same Dimension

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



637063



7D917D



63706A



323832



007800



00F700

Inverse Universe

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



706370



917D91



70636A



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 637063 looks on a white background.

Color Contrast Check

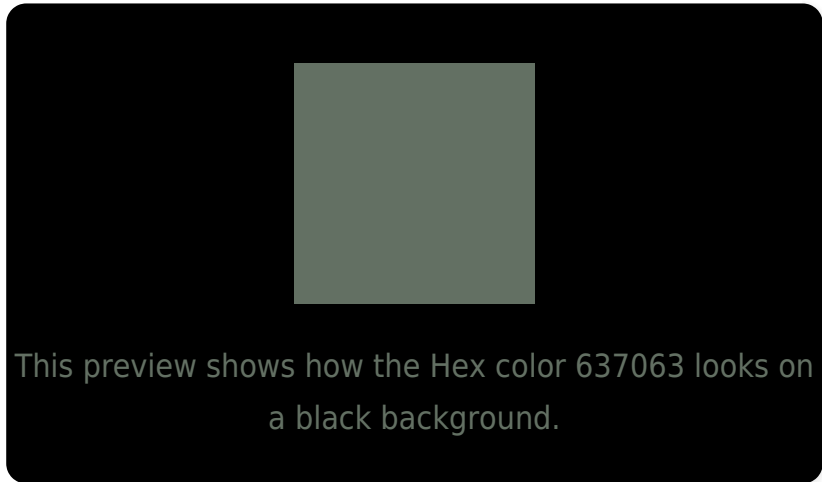
Large Text (above 18pt) WCAG AA ✓ Pass

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

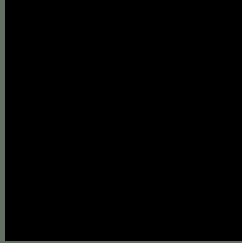
Any Text WCAG AA × Fail

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 637063 Background



This preview shows how black text looks on a background with the Hex color 637063.



This preview shows how white text looks on a background with the Hex color 637063.

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
637063

Protanopia
716C61

Deuteranopia
7A6965



Tritanopia
666D76

Trichromacy



Original Color
637063

Protanomaly
6C6D62

Deuteranomaly
726C64

Tritanomaly
656E6F

Monochromacy



Original Color
637063

Achromatopsia
6B6B6B

Achromatomaly
686D68

CSS Examples

Text

The CSS property to change the color of the text to Hex 637063 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 #637063 looks like.

```
.text, #text, p{  
    color:#637063  
}
```

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 #637063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637063  
}
```

Border

The CSS property to change the border of an element to Hex 637063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

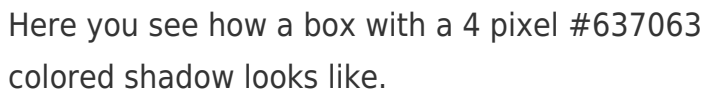
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#637063 }
```

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

```
.border{ border-color:#637063 }
```

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



Here you see how a box with a 4 pixel #637063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637063; -webkit-box-shadow:4px 4px  
4px 4px #637063; box-shadow:4px 4px 4px  
4px #637063 }
```

Background

The CSS property to change the background color of an element to Hex 637063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637063 }
```

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

```
.background{ background-color:#637063 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor