

# Converting Colors

Hex(657360)

Have a look what the booklet for  
Hex(657360) contains.

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# Color

**Hex(657360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	657360
RGB	101, 115, 96
RGB Percent	40%, 45%, 38%
CMY	0.6039, 0.5490, 0.6235
CMYK	0.12, 0.00, 0.17, 0.55
HSL	104°, 9%, 41%
HSV	104°, 17%, 45%
XYZ	13.6089, 15.8727, 13.4128
YIQ	108.6480, -2.2450, -8.8770

# Conversions

## Conversions Part 2

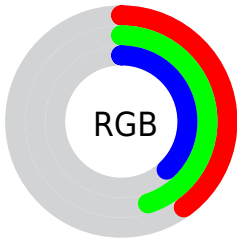
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 115, 110
Decimal	6648672
CIE Lab	46.81, -9.14, 8.77
CIE LCh	47, 12.673, 136.182
Yxy	15.8727, 0.3173, 0.3700
Android (android.graphics.Color)	4284838752 (0xFF657360)
YUV	108.6480, -6.2355, -6.7073
Hunter-Lab	39.8406, -8.7483, 7.9277

# Details

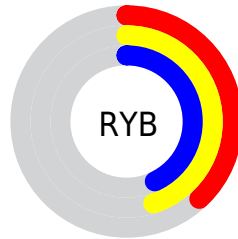
The Hex color **657360** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6073**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **98A793**, and **364332** is the 20% darker color. If you saturate the color by 10%, you get **5D7355**, and if you desaturate by 10%, it is **6D736C**.

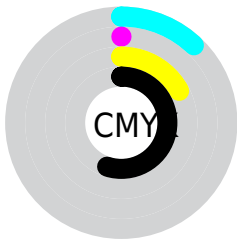
# Distribution



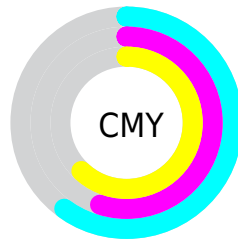
- Red (40%)
- Green (45%)
- Blue (38%)



- Red (38%)
- Yellow (45%)
- Blue (43%)



- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (55%)



- Cyan (60%)
- Magenta (55%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 657360 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 657360 by changing the saturation by 10% instead.



657360

657360

FFFFFF

4D5A48

98A793

364332

B3C2AD

212D1D

CEDEC8

0B1903

EBFBE5

000000

657360

657360

5D7355

6D736C

547349

767377

4C733E

7E7383

■ 437332

■ 87738E

■ 3B7327

■ 8F739A

■ 32731B

■ 9873A5

■ 2A7310

■ A073B1

■ 217304

■ A973BC

■ 1E7300

■ B173C8

# Harmonies

## Analogous

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



71705B



657360



5A756A

# Triad

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



657360



5D7183



856869

# Complementary

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



657360



6E6073

# 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.



816874



657360



6B6E83

# Square

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



657360



54747E



786A7E



836960

# Rectangle

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



657360



557571



786A7E



85686D



# Sweetspot

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



657360



91968F



736E60



494D48



CCCCCC



4D4D4D



# Same Dimension

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



657360



809678



607364



363B35



207A00



42FA00



# Inverse Universe

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



6E6073



8F7896



73606F



39353B



5A007A



B800FA



# Previews

## White Background



This preview shows how the Hex color 657360 looks on a white background.

## Color Contrast Check

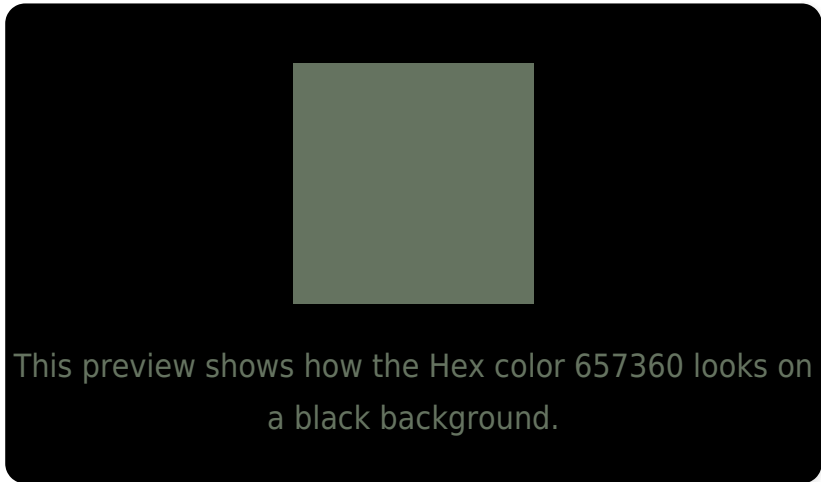
Large Text (above 18pt) WCAG AA ✓ Pass

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

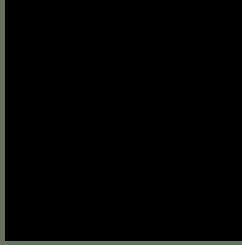
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 657360 Background



This preview shows how black text looks on a background with the Hex color 657360.



This preview shows how white text looks on a background with the Hex color 657360.

# 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**  
657360

**Protanopia**  
756E5E

**Deuteranopia**  
7E6B62



**Tritanopia**  
697078

# Trichromacy



**Original Color**  
657360

**Protanomaly**  
6F705F

**Deuteranomaly**  
756E61

**Tritanomaly**  
68716F

# Monochromacy



**Original Color**  
657360

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6A6F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 657360 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 #657360 looks like.

```
.text, #text, p{  
    color:#657360  
}
```

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 #657360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657360
}
```

## Border

The CSS property to change the border of an element to Hex 657360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

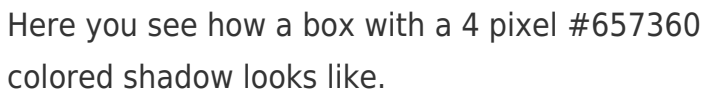
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#657360 }
```

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

```
.border{ border-color:#657360 }
```

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



Here you see how a box with a 4 pixel #657360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657360; -webkit-box-shadow:4px 4px  
4px 4px #657360; box-shadow:4px 4px 4px  
4px #657360 }
```

# Background

The CSS property to change the background color of an element to Hex 657360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657360 }
```

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

```
.background{ background-color:#657360 }
```

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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