

Converting Colors

Hex(647662)

Have a look what the booklet for
Hex(647662) contains.

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Color

Hex(647662)

Conversions

Conversions Part 1

Format	Color
Hex	647662
RGB	100, 118, 98
RGB Percent	39%, 46%, 38%
CMY	0.6078, 0.5373, 0.6157
CMYK	0.15, 0.00, 0.17, 0.54
HSL	114°, 9%, 42%
HSV	114°, 17%, 46%
XYZ	13.9386, 16.5480, 14.0147
YIQ	110.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

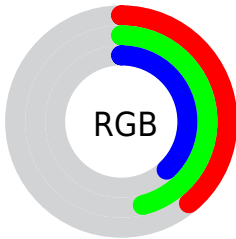
Format	Color
R_{YB}	98, 118, 116
Decimal	6583906
CIE _{Lab}	47.69, -10.83, 8.82
CIE _{LCh}	48, 13.972, 140.847
Yxy	16.5480, 0.3132, 0.3719
Android (android.graphics.Color)	4284773986 (0xFF647662)
YUV	110.3380, -6.0826, -9.0664
Hunter-Lab	40.6793, -10.0265, 8.0490

Details

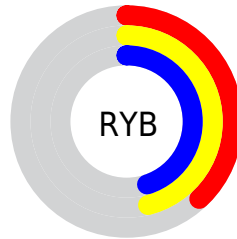
The Hex color **647662** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746276**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **97AA95**, and **354634** is the 20% darker color. If you saturate the color by 10%, you get **597656**, and if you desaturate by 10%, it is **6F766E**.

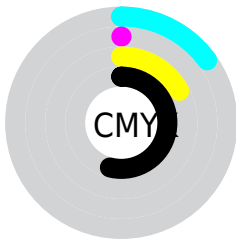
Distribution



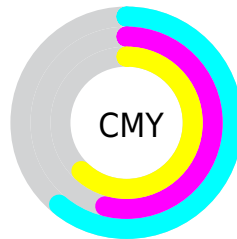
- Red (39%)
- Green (46%)
- Blue (38%)



- Red (38%)
- Yellow (46%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (54%)



- Cyan (61%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647662 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 647662 by changing the saturation by 10% instead.

■ 647662

■ 647662

FFFFFF

■ 4C5D4A

■ 97AA95

■ 354634

■ B2C5AF

■ 1F2F1E

■ CDE1CB

■ 0A1B06

■ EAFEE7

■ 000000

■ 647662

■ 647662

■ 597656

■ 6F766E

■ 4F764A

■ 79767A

■ 44763F

■ 847685

■ 3A7633

■ 8E7691

■ 2F7627

■ 99769D

■ 24761B

■ A476A9

■ 1A760F

■ AE76B5

■ 0F7604

■ B976C0

■ 0C7600

■ C476CC

Harmonies

Analogous

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



71735B



647662



58786D

Triad

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



647662



5F7388



8A6969

Complementary

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



647662



746276

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.



876975



647662



6F6F87

Square

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



647662



547683



7D6C80



866B5F

Rectangle

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



647662



537875



7D6C80



89696D

Sweetspot

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



647662



929991



767462



484D48



CCCCCC



4D4D4D

Same Dimension

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



647662



7D997A



62766A



353B35



0C7A00



19FA00

Inverse Universe

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



746276



967A99



76626E



3A353B



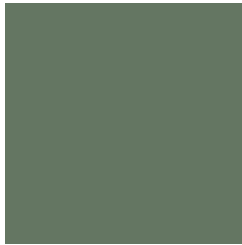
6E007A



E100FA

Previews

White Background



This preview shows how the Hex color 647662 looks on a white background.

Color Contrast Check

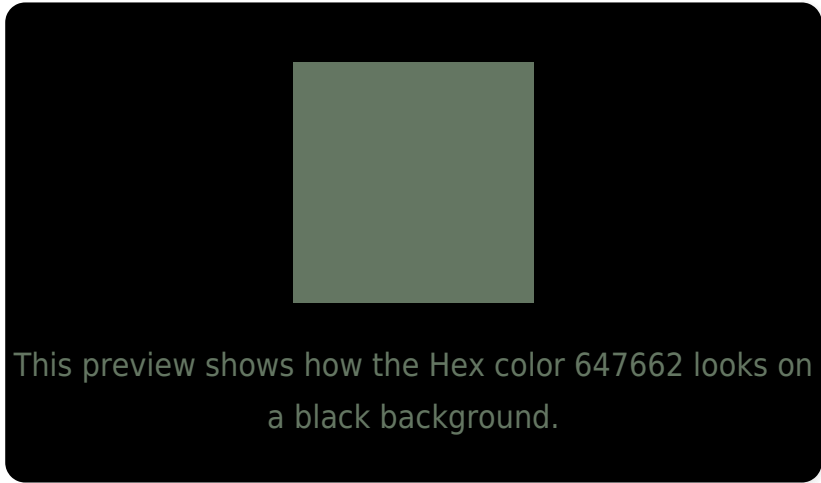
Large Text (above 18pt) WCAG AA ✓ Pass

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

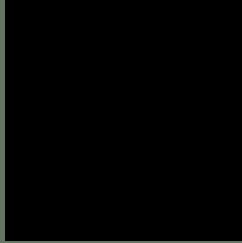
Any Text WCAG AA × Fail

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 647662 Background



This preview shows how black text looks on a background with the Hex color 647662.



This preview shows how white text looks on a background with the Hex color 647662.

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
647662

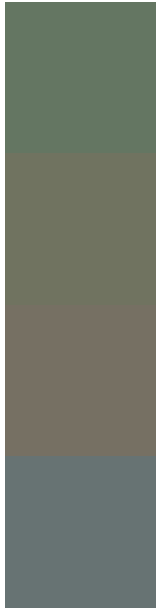
Protanopia
77715F

Deuteranopia
816D64



Tritanopia
68727C

Trichromacy



Original Color
647662

Protanomaly
707360

Deuteranomaly
767063

Tritanomaly
677373

Monochromacy



Original Color
647662

Achromatopsia
6E6E6E

Achromatomaly
6A716A

CSS Examples

Text

The CSS property to change the color of the text to Hex 647662 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 #647662 looks like.

```
.text, #text, p{  
    color:#647662  
}
```

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 #647662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647662
}
```

Border

The CSS property to change the border of an element to Hex 647662 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
#647662 }
```

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

```
.border{ border-color:#647662 }
```

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

Here you see how a box with a 4 pixel #647662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647662; -webkit-box-shadow:4px 4px  
4px 4px #647662; box-shadow:4px 4px 4px  
4px #647662 }
```

Background

The CSS property to change the background color of an element to Hex 647662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647662 }
```

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

```
.background{ background-color:#647662 }
```

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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