

Converting Colors

Hex(647D6A)

Have a look what the booklet for
Hex(647D6A) contains.

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Color

Hex(647D6A)

Conversions

Conversions Part 1

Format	Color
Hex	647D6A
RGB	100, 125, 106
RGB Percent	39%, 49%, 42%
CMY	0.6078, 0.5098, 0.5843
CMYK	0.20, 0.00, 0.15, 0.51
HSL	134°, 11%, 44%
HSV	134°, 20%, 49%
XYZ	15.1907, 18.4172, 16.3899
YIQ	115.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

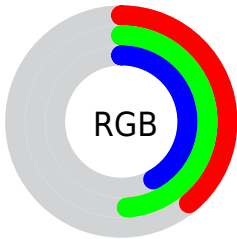
Format	Color
R_{YB}	100, 120, 125
Decimal	6585706
CIE Lab	50.00, -13.13, 7.40
CIE LCh	50, 15.075, 150.602
Yxy	18.4172, 0.3038, 0.3684
Android (android.graphics.Color)	4284775786 (0xFF647D6A)
YUV	115.3590, -4.6140, -13.4698
Hunter-Lab	42.9152, -11.9182, 7.3970

Details

The Hex color **647D6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D6477**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **97B29D**, and **354C3B** is the 20% darker color. If you saturate the color by 10%, you get **577D61**, and if you desaturate by 10%, it is **717D74**.

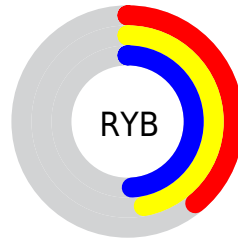
Distribution



Red (39%)

Green (49%)

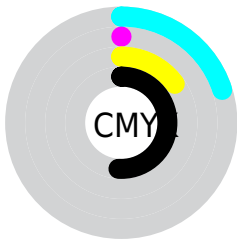
Blue (42%)



Red (39%)

Yellow (47%)

Blue (49%)

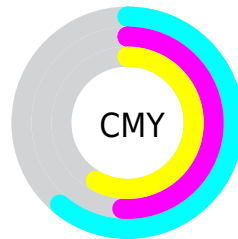


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (51%)



Cyan (61%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647D6A 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 647D6A by changing the saturation by 10% instead.

647D6A

647D6A

FFFFFF

4C6452

97B29D

354C3B

B2CDB8

1F3525

CEE9D4

0A2010

EAFFFO

000000

647D6A

647D6A

577D61

717D74

4B7D57

7D7D7D

3F7D4E

8A7D87

■ 327D44

■ 967D90

■ 267D3B

■ A37D9A

■ 197D31

■ AF7DA3

■ 0C7D28

■ BB7DAC

■ 007D1E

■ C87DB6

■ D47DBF

Harmonies

Analogous

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



737A61



647D6A



587E77

Triad

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



647D6A



697890



916F6A

Complementary

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



647D6A



7D6477

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.



906E77



647D6A



7A748D

Square

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



647D6A



5A7C8D



887084



8C7261

Rectangle

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



647D6A



547E7F



887084



926E6E

Sweetspot

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



647D6A



99A39C



777D64



4C524D



D1D1D1



525252

Same Dimension

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



647D6A



7CA385



647D76



39403B



00801F



000000

Inverse Universe

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



7D6477



A37C9A



7D646B



40393E



800061



000000

Previews

White Background



This preview shows how the Hex color 647D6A looks on a white background.

Color Contrast Check

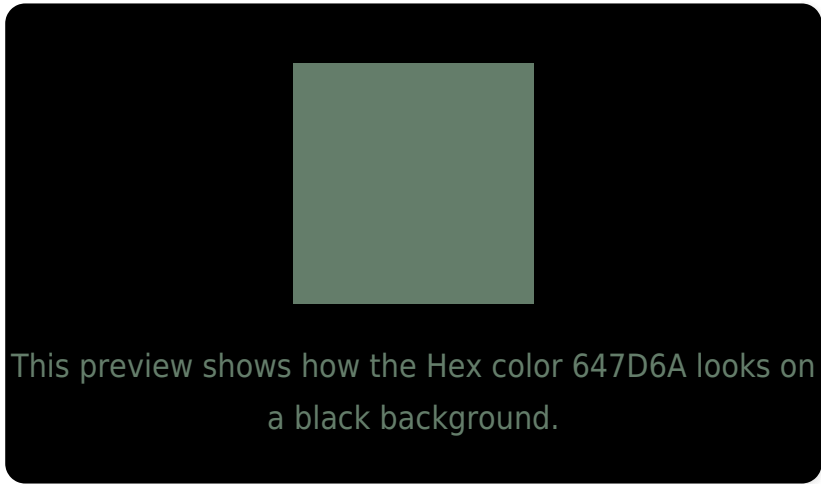
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

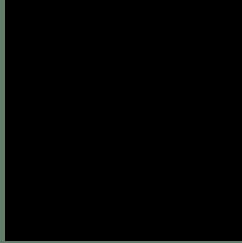
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 647D6A Background



This preview shows how black text looks on a background with the Hex color 647D6A.

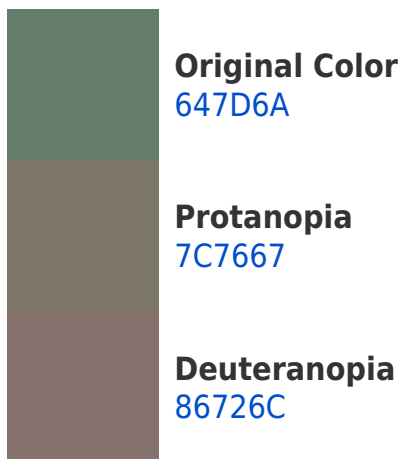


This preview shows how white text looks on a background with the Hex color 647D6A.

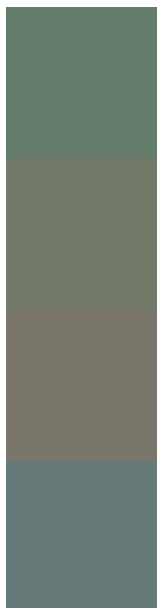
Color Blindness Simulation

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



Trichromacy



Original Color

647D6A

Protanomaly

737968

Deuteranomaly

7A766B

Tritanomaly

677A7A

Monochromacy



Original Color

647D6A

Achromatopsia

737373

Achromatomaly

6E7770

CSS Examples

Text

The CSS property to change the color of the text to Hex 647D6A 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 #647D6A looks like.

```
.text, #text, p{  
    color:#647D6A  
}
```

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 #647D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647D6A
}
```

Border

The CSS property to change the border of an element to Hex 647D6A 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
#647D6A }
```

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

```
.border{ border-color:#647D6A }
```

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

Here you see how a box with a 4 pixel #647D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647D6A; -webkit-box-shadow:4px 4px  
4px 4px #647D6A; box-shadow:4px 4px 4px  
4px #647D6A }
```

Background

The CSS property to change the background color of an element to Hex 647D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647D6A }
```

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

```
.background{ background-color:#647D6A }
```

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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