

Converting Colors

Hex(607D68)

Have a look what the booklet for
Hex(607D68) contains.

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Color

Hex(607D68)

Conversions

Conversions Part 1

Format	Color
Hex	607D68
RGB	96, 125, 104
RGB Percent	38%, 49%, 41%
CMY	0.6235, 0.5098, 0.5922
CMYK	0.23, 0.00, 0.17, 0.51
HSL	137°, 13%, 43%
HSV	137°, 23%, 49%
XYZ	14.6562, 18.1535, 15.8282
YIQ	113.9350, -10.5430, -12.6790

Conversions

Conversions Part 2

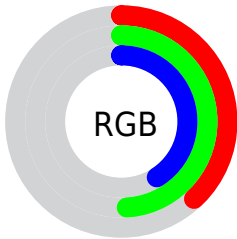
Format	Color
R_{YB}	96, 119, 125
Decimal	6323560
CIE _{Lab}	49.68, -14.99, 8.08
CIE _{LCh}	50, 17.031, 151.664
Yxy	18.1535, 0.3013, 0.3732
Android (android.graphics.Color)	4284513640 (0xFF607D68)
YUV	113.9350, -4.8980, -15.7290
Hunter-Lab	42.6069, -13.1607, 7.7990

Details

The Hex color **607D68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D6075**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **93B29B**, and **314C39** is the 20% darker color. If you saturate the color by 10%, you get **537D5F**, and if you desaturate by 10%, it is **6D7D71**.

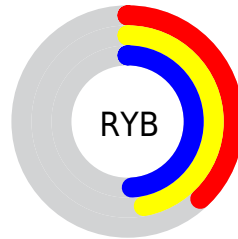
Distribution



Red (38%)

Green (49%)

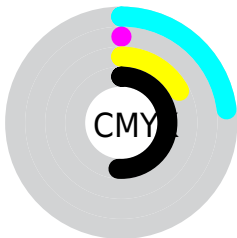
Blue (41%)



Red (38%)

Yellow (47%)

Blue (49%)

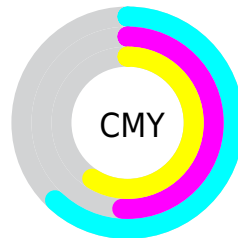


Cyan (23%)

Magenta (0%)

Yellow (17%)

Black (51%)



Cyan (62%)

Magenta (51%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 607D68 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 607D68 by changing the saturation by 10% instead.



607D68



607D68

FFFFFF



486450



93B29B



314C39



AECDB6



1B3523



C9E9D2



05200E



E5FFEE



000000



607D68



607D68



537D5F



6D7D71



477D56



797D7A



3B7D4D



867D83

 2E7D44

 927D8C

 227D3B

 9F7D95

 157D32

 AB7D9E

 087D29

 B87DA7

 007D22

 C47DB0

 D17DB9

Harmonies

Analogous

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



707A5D



607D68



527E76

Triad

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



607D68



667793



936D68

Complementary

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



607D68



7D6075

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.



936C76



607D68



7A728F

Square

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



607D68



557B8F



8A6E84



8D715D

Rectangle

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



607D68



4E7E80



8A6E84



946C6C

Sweetspot

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



607D68



98A39B



757D60



4B524D



D1D1D1



525252

Same Dimension

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



607D68



76A382



607D76



39403B



008023



000000

Inverse Universe

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



7D6075



A37697



7D6067



40393E



80005C



000000

Previews

White Background



This preview shows how the Hex color 607D68 looks on a white background.

Color Contrast Check

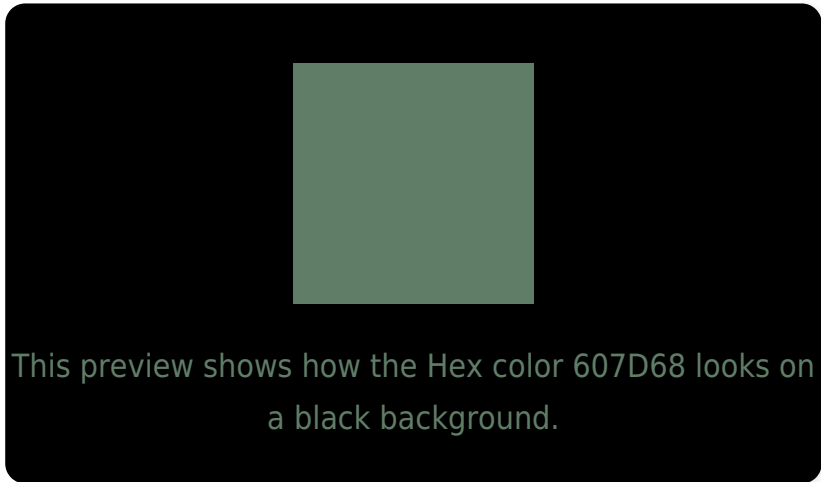
Large Text (above 18pt) WCAG AA ✓ Pass

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

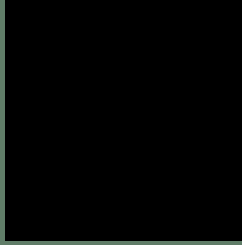
Any Text WCAG AA ✓ Pass

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 607D68 Background



This preview shows how black text looks on a background with the Hex color 607D68.

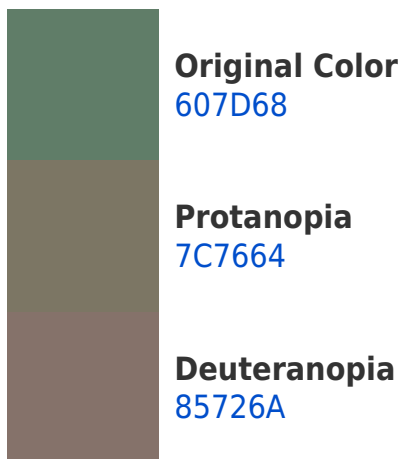


This preview shows how white text looks on a background with the Hex color 607D68.

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
657983

Trichromacy



Original Color
607D68

Protanomaly
727965

Deuteranomaly
787669

Tritanomaly
637A79

Monochromacy



Original Color
607D68

Achromatopsia
727272

Achromatomaly
6B766E

CSS Examples

Text

The CSS property to change the color of the text to Hex 607D68 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 #607D68 looks like.

```
.text, #text, p{  
    color:#607D68  
}
```

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 #607D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607D68
}
```

Border

The CSS property to change the border of an element to Hex 607D68 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
#607D68 }
```

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

```
.border{ border-color:#607D68 }
```

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

Here you see how a box with a 4 pixel #607D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607D68; -webkit-box-shadow:4px 4px  
4px 4px #607D68; box-shadow:4px 4px 4px  
4px #607D68 }
```

Background

The CSS property to change the background color of an element to Hex 607D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607D68 }
```

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

```
.background{ background-color:#607D68 }
```

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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