

Converting Colors

Hex(6B7D75)

Have a look what the booklet for
Hex(6B7D75) contains.

Hex(6B7D75)	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(6B7D75)

Conversions

Conversions Part 1

Format	Color
Hex	6B7D75
RGB	107, 125, 117
RGB Percent	42%, 49%, 46%
CMY	0.5804, 0.5098, 0.5412
CMYK	0.14, 0.00, 0.06, 0.51
HSL	153°, 8%, 45%
HSV	153°, 14%, 49%
XYZ	16.6079, 19.0774, 19.6366
YIQ	118.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

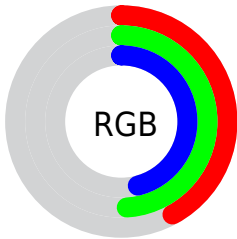
Format	Color
RYB	107, 119, 125
Decimal	7044469
CIELab	50.78, -8.30, 2.14
CIELCh	51, 8.575, 165.567
Yxy	19.0774, 0.3002, 0.3448
Android (android.graphics.Color)	4285234549 (0xFF6B7D75)
YUV	118.7060, -0.8411, -10.2662
Hunter-Lab	43.6777, -8.5634, 3.9188

Details

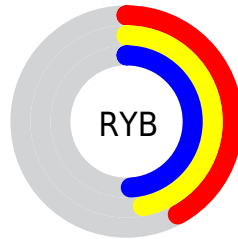
The Hex color **6B7D75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D6B73**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9EB2A9**, and **3B4C45** is the 20% darker color. If you saturate the color by 10%, you get **5F7D6F**, and if you desaturate by 10%, it is **787D7B**.

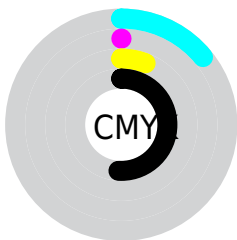
Distribution



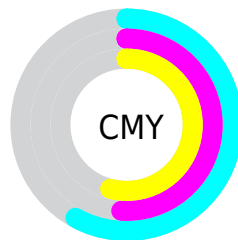
- Red (42%)
- Green (49%)
- Blue (46%)



- Red (42%)
- Yellow (47%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7D75 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 6B7D75 by changing the saturation by 10% instead.

6B7D75

6B7D75

FFFFFF

53645C

9EB2A9

3B4C45

B9CDC4

25352F

D5E9E0

11201A

F2FFFD

000500

000000

6B7D75

6B7D75

5F7D6F

787D7B

527D6A

847D80

■ 467D64

■ 917D86

■ 397D5F

■ 9D7D8B

■ 2D7D59

■ AA7D91

■ 207D54

■ B67D96

■ 147D4E

■ C37D9C

■ 077D49

■ CF7DA1

■ 007D45

■ DC7DA7

Harmonies

Analogous

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



727C6F



6B7D75



677D7D

Triad

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



6B7D75



767887



87756F

Complementary

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



6B7D75



7D6B73

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.



897475



6B7D75



7F7683

Square

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



6B7D75



6D7B87



86747D



82776B

Rectangle

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



6B7D75



677D81



86747D



887571

Sweetspot

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



6B7D75



9DA3A0



737D6B



4E5250



D1D1D1



525252

Same Dimension

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



6B7D75



87A397



6B7C7D



39403D



008047



000000

Inverse Universe

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



7D6B73



A38794



7D6C6B



40393C



800039



000000

Previews

White Background



This preview shows how the Hex color 6B7D75 looks on a white background.

Color Contrast Check

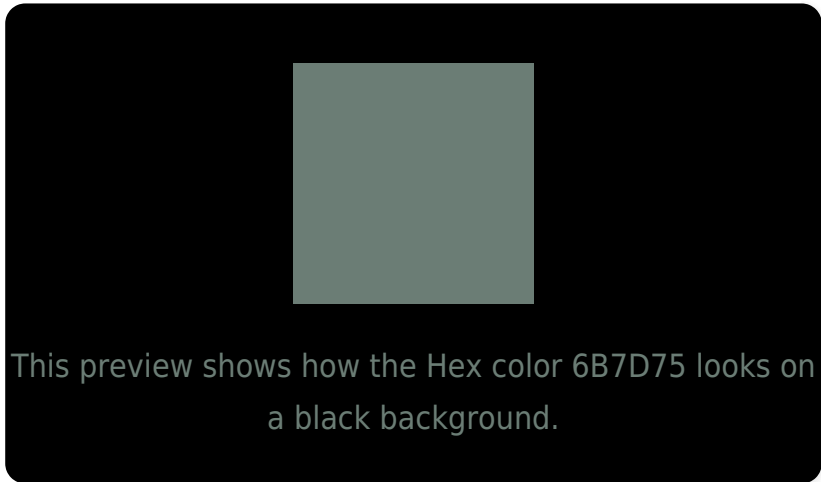
Large Text (above 18pt) WCAG AA ✓ Pass

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

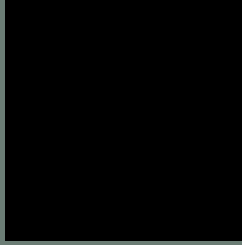
Any Text WCAG AA ✓ Pass

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 6B7D75 Background



This preview shows how black text looks on a background with the Hex color 6B7D75.

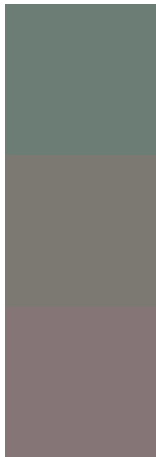


This preview shows how white text looks on a background with the Hex color 6B7D75.

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
6B7D75

Protanopia
7C7872

Deuteranopia
857577



Tritanopia
6E7B84

Trichromacy



Original Color
6B7D75

Protanomaly
767A73

Deuteranomaly
7C7876

Tritanomaly
6D7C7F

Monochromacy



Original Color
6B7D75

Achromatopsia
777777

Achromatomaly
737976

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7D75 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 #6B7D75 looks like.

```
.text, #text, p{  
    color:#6B7D75  
}
```

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 #6B7D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7D75
}
```

Border

The CSS property to change the border of an element to Hex 6B7D75 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
#6B7D75 }
```

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

```
.border{ border-color:#6B7D75 }
```

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

Here you see how a box with a 4 pixel #6B7D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7D75; -webkit-box-shadow:4px 4px  
4px 4px #6B7D75; box-shadow:4px 4px 4px  
4px #6B7D75 }
```

Background

The CSS property to change the background color of an element to Hex 6B7D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7D75 }
```

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

```
.background{ background-color:#6B7D75 }
```

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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