

Converting Colors

Hex(6B7873)

Have a look what the booklet for
Hex(6B7873) contains.

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Color

Hex(6B7873)

Conversions

Conversions Part 1

Format	Color
Hex	6B7873
RGB	107, 120, 115
RGB Percent	42%, 47%, 45%
CMY	0.5804, 0.5294, 0.5490
CMYK	0.11, 0.00, 0.04, 0.53
HSL	157°, 6%, 45%
HSV	157°, 11%, 47%
XYZ	15.8744, 17.7965, 18.8181
YIQ	115.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

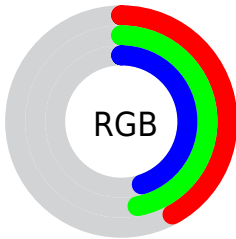
Format	Color
RYB	107, 115, 120
Decimal	7043187
CIELab	49.25, -5.89, 1.09
CIElCh	49, 5.991, 169.487
Yxy	17.7965, 0.3024, 0.3391
Android (android.graphics.Color)	4285233267 (0xFF6B7873)
YUV	115.5430, -0.2677, -7.4922
Hunter-Lab	42.1860, -6.6567, 3.0824

Details

The Hex color **6B7873** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786B70**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9EACA7**, and **3C4843** is the 20% darker color. If you saturate the color by 10%, you get **5F786E**, and if you desaturate by 10%, it is **777878**.

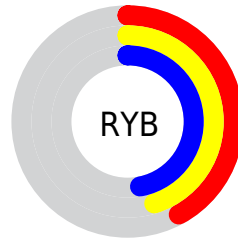
Distribution



Red (42%)

Green (47%)

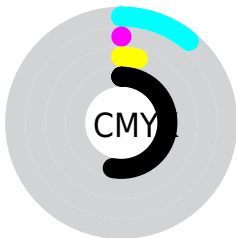
Blue (45%)



Red (42%)

Yellow (45%)

Blue (47%)

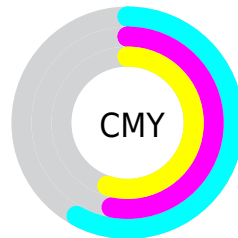


Cyan (11%)

Magenta (0%)

Yellow (4%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7873 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 6B7873 by changing the saturation by 10% instead.

■ 6B7873

■ 6B7873

FFFFFF

■ 535F5A

■ 9EACA7

■ 3C4843

■ B9C8C2

■ 26312D

■ D5E4DE

■ 121C18

■ F1FFFA

■ 000000

■ 6B7873

■ 6B7873

■ 5F786E

■ 777878

■ 53786A

■ 83787C

■ 477865

■ 8F7881

■ 3B7861

■ 9B7885

■ 2F785C

■ A7788A

■ 237857

■ B3788F

■ 177853

■ BF7893

■ 0B784E

■ CB7898

■ 00784A

■ D7789D

Harmonies

Analogous

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



70776E



6B7873



697878

Triad

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



6B7873



74747F



7F736E

Complementary

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



6B7873



786B70

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.



807272



6B7873



7A737C

Square

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



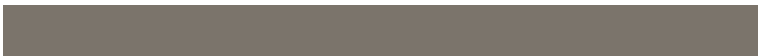
6B7873



6E767F



7E7277



7B746B

Rectangle

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



6B7873



69787B



7E7277



80726F

Sweetspot

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



6B7873



979C9A



70786B



4C4F4E



CFCFCF



4F4F4F

Same Dimension

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



6B7873



879C94



6B7778



373D3B



007D4D



00FC9B

Inverse Universe

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



786B70



9C878F



786C6B



3D3739



7D0030



FC0061

Previews

White Background



This preview shows how the Hex color 6B7873 looks on a white background.

Color Contrast Check

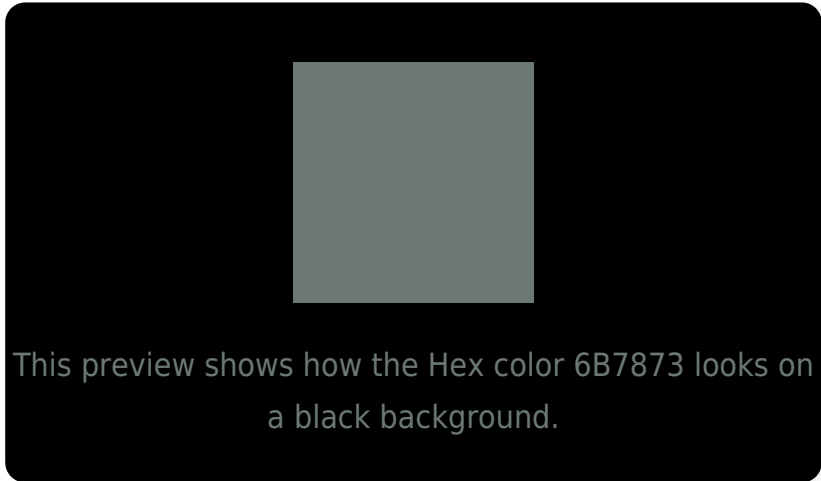
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B7873 Background



This preview shows how black text looks on a background with the Hex color 6B7873.



This preview shows how white text looks on a background with the Hex color 6B7873.

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
6B7873

Protanopia
787471

Deuteranopia
807174



Tritanopia
6D767F

Trichromacy



Original Color
6B7873

Protanomaly
737572

Deuteranomaly
787474

Tritanomaly
6C777B

Monochromacy



Original Color
6B7873

Achromatopsia
747474

Achromatomaly
717574

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7873 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 #6B7873 looks like.

```
.text, #text, p{  
    color:#6B7873  
}
```

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 #6B7873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7873
}
```

Border

The CSS property to change the border of an element to Hex 6B7873 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
#6B7873 }
```

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

```
.border{ border-color:#6B7873 }
```

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

Here you see how a box with a 4 pixel #6B7873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7873; -webkit-box-shadow:4px 4px  
4px 4px #6B7873; box-shadow:4px 4px 4px  
4px #6B7873 }
```

Background

The CSS property to change the background color of an element to Hex 6B7873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7873 }
```

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

```
.background{ background-color:#6B7873 }
```

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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