

Converting Colors

Hex(B6836D)

Have a look what the booklet for
Hex(B6836D) contains.

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Color

Hex(**B6836D**)

Conversions

Conversions Part 1

Format	Color
Hex	B6836D
RGB	182, 131, 109
RGB Percent	71%, 51%, 43%
CMY	0.2863, 0.4863, 0.5725
CMYK	0.00, 0.28, 0.40, 0.29
HSL	18°, 33%, 57%
HSV	18°, 40%, 71%
XYZ	30.1680, 27.2818, 18.1439
YIQ	143.7410, 37.4580, 3.9700

Conversions

Conversions Part 2

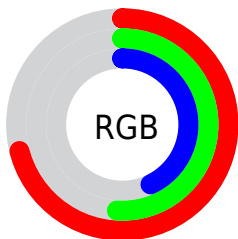
Format	Color
R_{YB}	182, 140, 109
Decimal	11961197
CIE _{Lab}	59.23, 16.78, 19.66
CIE _{LCh}	59, 25.846, 49.512
Yxy	27.2818, 0.3991, 0.3609
Android (android.graphics.Color)	4290151277 (0xFFB6836D)
YUV	143.7410, -17.1273, 33.5531
Hunter-Lab	52.2320, 11.6916, 15.9668

Details

The Hex color **B6836D** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **6DA0B6**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **EFB8A1**, and **7F513D** is the 20% darker color. If you saturate the color by 10%, you get **B6765B**, and if you desaturate by 10%, it is **B6907F**.

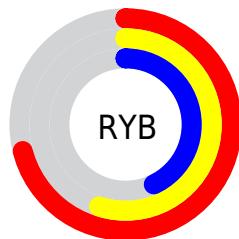
Distribution



Red (71%)

Green (51%)

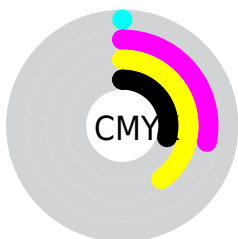
Blue (43%)



Red (71%)

Yellow (55%)

Blue (43%)

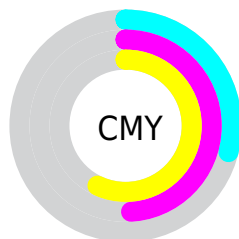


Cyan (0%)

Magenta (28%)

Yellow (40%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6836D 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 B6836D by changing the saturation by 10% instead.

 B6836D

 B6836D

FFFFFF

 9A6A55

 EFB8A1

 7F513D

 FFD4BC

 653A27

 FFF0D7

 4B2413

 FFFFF4

 330F00

 1B0001

 000000

 B6836D

 B6836D

 B6765B

 B6907F

 B66A49

 B69C91

 B65D36

 B6A9A4

 B65024

 B6B6B6

 B64312

 B6C3C8

 B63700

 B6CFDA

 B6DCEC

 B6E9FF

 B6F5FF

Harmonies

Analogous

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



BC7E80



B6836D



A68A62

Triad

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



B6836D



5C9B86



878CB9

Complementary

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



B6836D



6DA0B6

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.



6693BB



B6836D



499B9D

Square

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



B6836D



759770



4B99B0



A484AC

Rectangle

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



B6836D



978F62



4B99B0



7C8EBB

Sweetspot

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



B6836D



EDD9D1



B66DA0



786C67



F7F7F7



787878

Same Dimension

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



B6836D



ED9E7B



B6A76D



5C5553



9C2F00



1C0800

Inverse Universe

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



6DA0B6



7BCBED



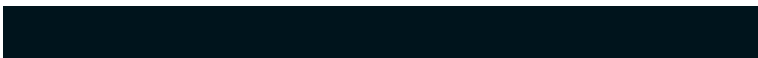
6D7CB6



53595C



006D9C



00141C

Previews

White Background



This preview shows how the Hex color B6836D looks on a white background.

Color Contrast Check

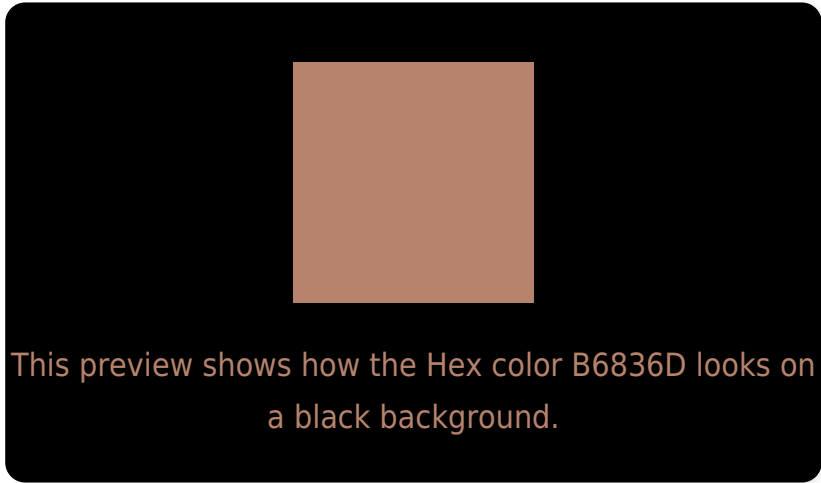
Large Text (above 18pt) WCAG AA ✓ Pass

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

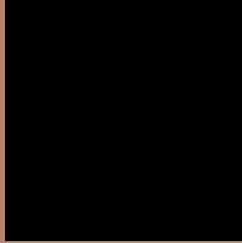
Any Text WCAG AA ✓ Pass

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 B6836D Background



This preview shows how black text looks on a background with the Hex color B6836D.



This preview shows how white text looks on a background with the Hex color B6836D.

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
B6836D

Protanopia
988F72

Deuteranopia
A8896C



Tritanopia
B97F89

Trichromacy



Original Color
B6836D

Protanomaly
A38B70

Deuteranomaly
AD876C

Tritanomaly
B8807F

Monochromacy



Original Color
B6836D

Achromatopsia
909090

Achromatomaly
9E8B83

CSS Examples

Text

The CSS property to change the color of the text to Hex B6836D 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 #B6836D looks like.

```
.text, #text, p{  
    color:#B6836D  
}
```

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 #B6836D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6836D
}
```

Border

The CSS property to change the border of an element to Hex B6836D is called "border". The border property can be set on classes, ids or directly on the HTML element.

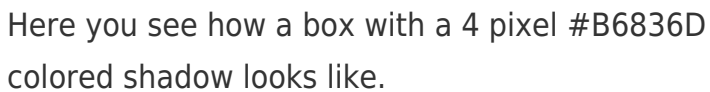
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6836D }
```

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

```
.border{ border-color:#B6836D }
```

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



Here you see how a box with a 4 pixel #B6836D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6836D; -webkit-box-shadow:4px 4px  
4px 4px #B6836D; box-shadow:4px 4px 4px  
4px #B6836D }
```

Background

The CSS property to change the background color of an element to Hex B6836D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6836D }
```

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

```
.background{ background-color:#B6836D }
```

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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