

# Converting Colors

Hex(B66D76)

Have a look what the booklet for  
Hex(B66D76) contains.

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# Color

Hex(**B66D76**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B66D76
RGB	182, 109, 118
RGB Percent	71%, 43%, 46%
CMY	0.2863, 0.5725, 0.5373
CMYK	0.00, 0.40, 0.35, 0.29
HSL	353°, 33%, 57%
HSV	353°, 40%, 71%
XYZ	28.0301, 22.1904, 19.9454
YIQ	131.8530, 40.6190, 18.2750

# Conversions

## Conversions Part 2

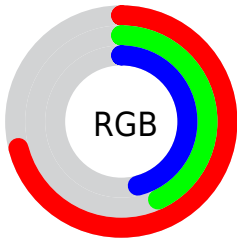
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 109, 118
Decimal	11955574
CIE Lab	54.23, 30.10, 7.50
CIE LCh	54, 31.023, 13.986
Yxy	22.1904, 0.3995, 0.3163
Android (android.graphics.Color)	4290145654 (0xFFB66D76)
YUV	131.8530, -6.8295, 43.9789
Hunter-Lab	47.1067, 23.7769, 7.8708

# Details

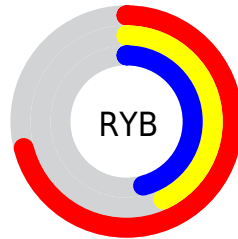
The Hex color **B66D76** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6DB6AD**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F0A2AA**, and **7F3C46** is the 20% darker color. If you saturate the color by 10%, you get **B65B66**, and if you desaturate by 10%, it is **B67F86**.

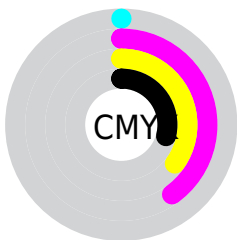
# Distribution



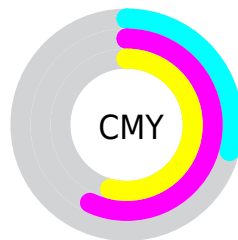
- Red (71%)
- Green (43%)
- Blue (46%)



- Red (71%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (29%)



- Cyan (29%)
- Magenta (57%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B66D76 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 B66D76 by changing the saturation by 10% instead.



 B66D76

 B66D76

FFFFFF

 9A545D

 F0A2AA

 7F3C46

 FFBD C5

 642430

 FFD9E1

 4A0B1B

 FFF6FE

 330000

 0D0000

 000000

 B66D76

 B66D76

 B65B66

 B67F86

 B64956

 B69196

 B63646

 B6A4A6

 B62436

 B6B6B6

 B61226

 B6C8C6

 B60016

 B6DAD6

 B6ECE6

 B6FFF6

 B6FFFF

# Harmonies

## Analogous

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



AD6F91



B66D76



B1725E

# Triad

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



B66D76



698B5A



4188B5

# Complementary

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



B66D76



6DB6AD

# 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.



108EA6



B66D76



478F72

# Square

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



B66D76



87844D



1F908E



6F80B5

# Rectangle

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



B66D76



A67852



1F908E



308BB1



# Sweetspot

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



B66D76



EDD1D4



AC6DB6



786769



F7F7F7



787878



# Same Dimension

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



B66D76



ED7B89



B6886D



5C5354



9C0013



1C0003



# Inverse Universe

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



B66D76



ED7B89



6D9BB6



5C5354



9C0013

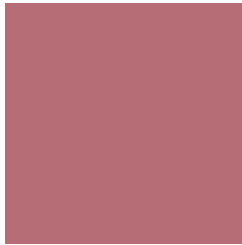


1C0003



# Previews

## White Background



This preview shows how the Hex color B66D76 looks on a white background.

## Color Contrast Check

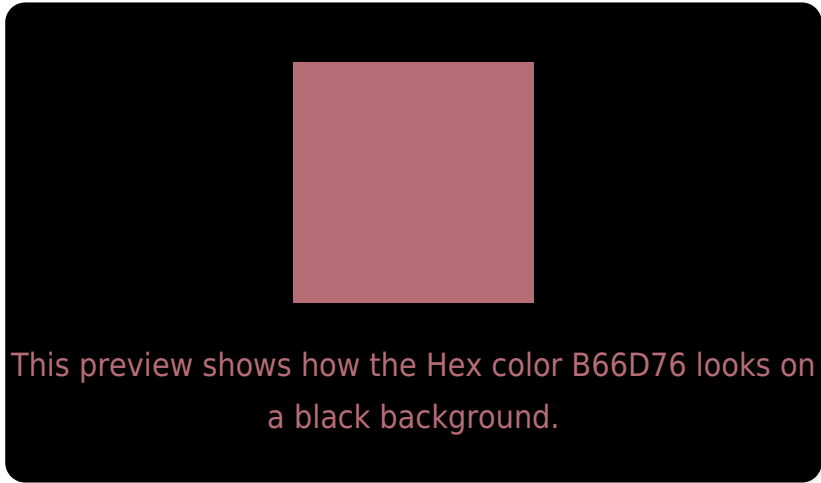
Large Text (above 18pt) WCAG AA ✓ Pass

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 B66D76 Background



This preview shows how black text looks on a background with the Hex color B66D76.



This preview shows how white text looks on a background with the Hex color B66D76.

# 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**  
B66D76

**Protanopia**  
858181

**Deuteranopia**  
947D73



**Tritanopia**  
B66D75

# Trichromacy



**Original Color**  
B66D76

**Protanomaly**  
977A7D

**Deuteranomaly**  
A07774

**Tritanomaly**  
B66D75

# Monochromacy



**Original Color**  
B66D76

**Achromatopsia**  
848484

**Achromatomaly**  
967C7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B66D76 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 #B66D76 looks like.

```
.text, #text, p{  
    color:#B66D76  
}
```

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 #B66D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B66D76
}
```

## Border

The CSS property to change the border of an element to Hex B66D76 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
#B66D76 }
```

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

```
.border{ border-color:#B66D76 }
```

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

Here you see how a box with a 4 pixel #B66D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B66D76; -webkit-box-shadow:4px 4px  
4px 4px #B66D76; box-shadow:4px 4px 4px  
4px #B66D76 }
```

# Background

The CSS property to change the background color of an element to Hex B66D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B66D76 }
```

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

```
.background{ background-color:#B66D76 }
```

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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