

# Converting Colors

Hex(B07679)

Have a look what the booklet for  
Hex(B07679) contains.

<b>Hex(B07679)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B07679)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B07679</a>
RGB	<a href="#">176, 118, 121</a>
RGB Percent	<a href="#">69%, 46%, 47%</a>
CMY	<a href="#">0.3098, 0.5373, 0.5255</a>
CMYK	<a href="#">0.00, 0.33, 0.31, 0.31</a>
HSL	<a href="#">357°, 27%, 58%</a>
HSV	<a href="#">357°, 33%, 69%</a>
XYZ	<a href="#">27.8341, 23.5674, 21.1711</a>
YIQ	<a href="#">135.6840, 33.6050, 13.2290</a>

# Conversions

## Conversions Part 2

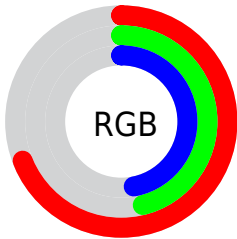
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 118, 121
Decimal	11564665
CIE <sub>Lab</sub>	55.65, 23.19, 7.67
CIE <sub>LCh</sub>	56, 24.425, 18.306
Yxy	23.5674, 0.3835, 0.3247
Android (android.graphics.Color)	4289754745 (0xFFB07679)
YUV	135.6840, -7.2392, 35.3571
Hunter-Lab	48.5463, 17.3872, 8.1260

# Details

The Hex color **B07679** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **76B0AD**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E9ABAD**, and **7A4549** is the 20% darker color. If you saturate the color by 10%, you get **B06468**, and if you desaturate by 10%, it is **B0888A**.

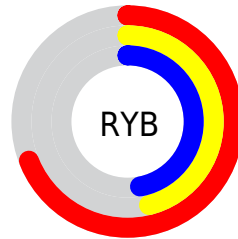
# Distribution



Red (69%)

Green (46%)

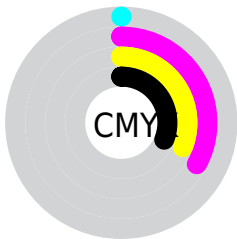
Blue (47%)



Red (69%)

Yellow (46%)

Blue (47%)

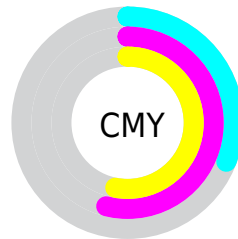


Cyan (0%)

Magenta (33%)

Yellow (31%)

Black (31%)



Cyan (31%)

Magenta (54%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B07679 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 B07679 by changing the saturation by 10% instead.



 B07679

 B07679

FFFFFF

 955D60

 E9ABAD

 7A4549

 FFC6C9

 602E32

 FFE2E5

 46171D

 2F0003

 0C0000

 000000

 B07679

 B07679

 B06468

 B0888A

 B05358

 B0999A

 B04147

 B0ABAB

 B03036

 B0BCBC

 B01E26

 B0CECC

 B00C15

 B0E0DD

 B00009

 B0F1EE

 B0FFFF

# Harmonies

## Analogous

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



AA768F



B07679



AB7A67

# Triad

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



B07679



6F8D69



5E8AAE

# Complementary

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



B07679



76B0AD

# 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.



468FA4



B07679



57917C

# Square

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



B07679



87885D



459192



7D83AD

# Rectangle

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



B07679



A27F5E



459192



548CAC



# Sweetspot

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



B07679



E6CFD0



AC76B0



736566



F2F2F2



737373



# Same Dimension

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



B07679



E68A8E



B08F76



595051



990008



1A0001



# Inverse Universe

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



B07679



E68A8E



7697B0



595051



990008

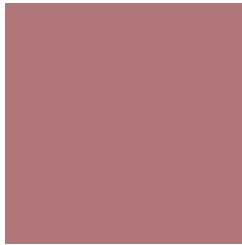


1A0001



# Previews

## White Background



This preview shows how the Hex color B07679 looks on a white background.

## Color Contrast Check

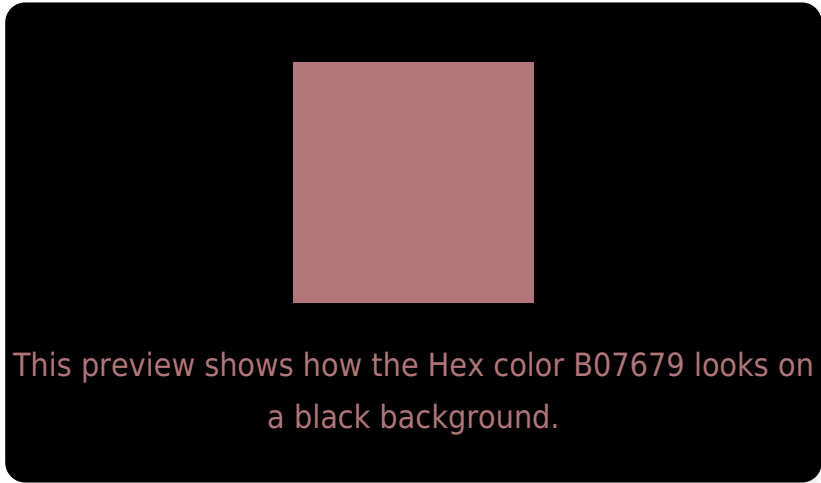
Large Text (above 18pt) WCAG AA ✓ Pass

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 B07679 Background



This preview shows how black text looks on a background with the Hex color B07679.



This preview shows how white text looks on a background with the Hex color B07679.

# 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**  
B1757E

# Trichromacy



**Original Color**  
B07679

**Protanomaly**  
97807E

**Deuteranomaly**  
A17D78

**Tritanomaly**  
B1757C

# Monochromacy



**Original Color**  
B07679

**Achromatopsia**  
888888

**Achromatomaly**  
978183

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B07679 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 #B07679 looks like.

```
.text, #text, p{  
    color:#B07679  
}
```

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 #B07679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07679
}
```

## Border

The CSS property to change the border of an element to Hex B07679 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
#B07679 }
```

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

```
.border{ border-color:#B07679 }
```

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

Here you see how a box with a 4 pixel #B07679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07679; -webkit-box-shadow:4px 4px  
4px 4px #B07679; box-shadow:4px 4px 4px  
4px #B07679 }
```

# Background

The CSS property to change the background color of an element to Hex B07679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07679 }
```

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

```
.background{ background-color:#B07679 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor