

# Converting Colors

Hex(B56078)

Have a look what the booklet for  
Hex(B56078) contains.

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**Color**

**Hex(B56078)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56078
RGB	181, 96, 120
RGB Percent	71%, 38%, 47%
CMY	0.2902, 0.6235, 0.5294
CMYK	0.00, 0.47, 0.34, 0.29
HSL	343°, 36%, 54%
HSV	343°, 47%, 71%
XYZ	26.6291, 19.5456, 20.1385
YIQ	124.1510, 42.9560, 25.4840

# Conversions

## Conversions Part 2

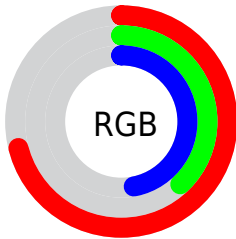
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 96, 120
Decimal	11886712
CIE <sub>Lab</sub>	51.32, 37.00, 2.12
CIE <sub>LCh</sub>	51, 37.062, 3.274
Yxy	19.5456, 0.4016, 0.2947
Android (android.graphics.Color)	4290076792 (0xFFB56078)
YUV	124.1510, -2.0464, 49.8566
Hunter-Lab	44.2104, 30.1472, 3.9398

# Details

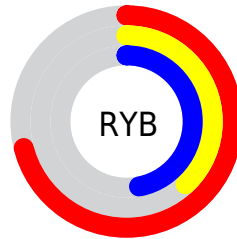
The Hex color **B56078** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **60B59D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **EF94AC**, and **7D2E48** is the 20% darker color. If you saturate the color by 10%, you get **B54E6B**, and if you desaturate by 10%, it is **B57285**.

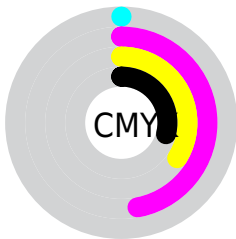
# Distribution



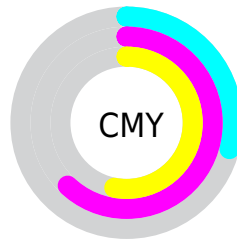
- Red (71%)
- Green (38%)
- Blue (47%)



- Red (71%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (47%)
- Yellow (34%)
- Black (29%)



- Cyan (29%)
- Magenta (62%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56078 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 B56078 by changing the saturation by 10% instead.



 B56078

 B56078

FFFFFF

 99475F

 EF94AC

 7D2E48

 FFB0C7

 621431

 FFCCE3

 48001D

 FFE8FF

 320001

 000000

 B56078

 B56078

 B54E6B

 B57285

 B53C5E

 B58492

 B52A51

 B5969F

 B51844

 B5A8AC

 B50537

 B5BBB9

 B50033

 B5CDC6

 B5DFD3

 B5F1E0

 B5FFED

# Harmonies

## Analogous

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



A46597



B56078



B46459

# Triad

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



B56078



698344



0085B2

# Complementary

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



B56078



60B59D

# 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.



008A9C



B56078



40885D

# Square

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



B56078



8A7A39



008B7D



4C7CB9

# Rectangle

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



B56078



AB6B48



008B7D



0087AC



# Sweetspot

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



B56078



EBCAD3



9D60B5



756167



F5F5F5



757575



# Same Dimension

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



B56078



EB678C



B57260



595053



99002B



1A0007



# Inverse Universe

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



B56078



EB678C



60A3B5



595053



99002B

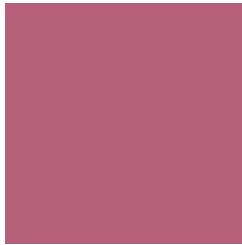


1A0007



# Previews

## White Background



This preview shows how the Hex color B56078 looks on a white background.

## Color Contrast Check

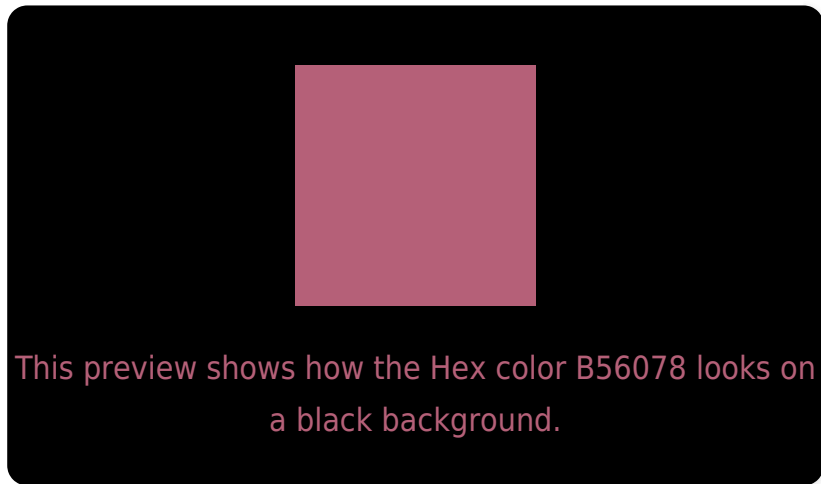
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56078 Background



This preview shows how black text looks on a background with the Hex color B56078.

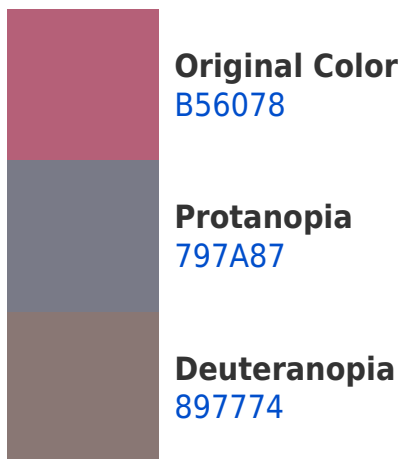



This preview shows how white text looks on a background with the Hex color B56078.

# 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**  
B4636A

# Trichromacy



**Original Color**  
B56078

**Protanomaly**  
8F7182

**Deuteranomaly**  
996F75

**Tritanomaly**  
B4626F

# Monochromacy



**Original Color**  
B56078

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
91727B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56078 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 #B56078 looks like.

```
.text, #text, p{  
    color:#B56078  
}
```

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 #B56078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56078
}
```

## Border

The CSS property to change the border of an element to Hex B56078 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
#B56078 }
```

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

```
.border{ border-color:#B56078 }
```

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

Here you see how a box with a 4 pixel #B56078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56078; -webkit-box-shadow:4px 4px  
4px 4px #B56078; box-shadow:4px 4px 4px  
4px #B56078 }
```

# Background

The CSS property to change the background color of an element to Hex B56078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56078 }
```

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

```
.background{ background-color:#B56078 }
```

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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