

# Converting Colors

Hex(B56283)

Have a look what the booklet for  
Hex(B56283) contains.

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**Color**

**Hex(B56283)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B56283
RGB	181, 98, 131
RGB Percent	71%, 38%, 51%
CMY	0.2902, 0.6157, 0.4863
CMYK	0.00, 0.46, 0.28, 0.29
HSL	336°, 36%, 55%
HSV	336°, 46%, 71%
XYZ	27.5205, 20.1978, 23.9208
YIQ	126.5790, 38.8750, 27.8590

# Conversions

## Conversions Part 2

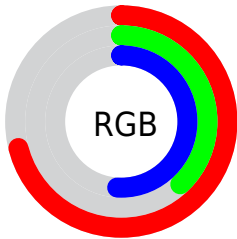
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 98, 131
Decimal	11887235
CIELab	52.06, 37.42, -3.33
CIELCh	52, 37.568, 354.907
Yxy	20.1978, 0.3842, 0.2819
Android (android.graphics.Color)	4290077315 (0xFFB56283)
YUV	126.5790, 2.1796, 47.7272
Hunter-Lab	44.9420, 30.6570, -0.0983

# Details

The Hex color **B56283** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **62B594**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **EF97B8**, and **7E3052** is the 20% darker color. If you saturate the color by 10%, you get **B55078**, and if you desaturate by 10%, it is **B5748E**.

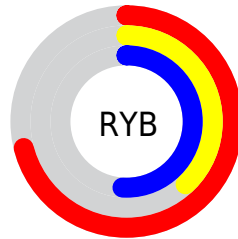
# Distribution



Red (71%)

Green (38%)

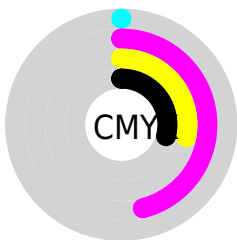
Blue (51%)



Red (71%)

Yellow (38%)

Blue (51%)

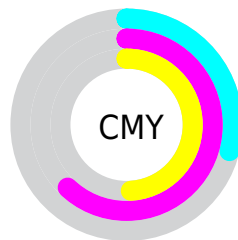


Cyan (0%)

Magenta (46%)

Yellow (28%)

Black (29%)



Cyan (29%)

Magenta (62%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56283 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 B56283 by changing the saturation by 10% instead.



 B56283

 B56283

FFFFFF

 99496A

 EF97B8

 7E3052

 FFB2D4

 63163B

 FFCEFO

 490025

 FFEAFF

 320010

 080000

 000000

 B56283

 B56283

 B55078

 B5748E

 B53E6D

 B58699

 B52C62

 B598A4

 B51A57

 B5AAAF

 B5074C

 B5BDBA

 B50048

 B5CFC4

 B5E1CF

 B5F3DA

 B5FFE5

# Harmonies

## Analogous

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



9F6AA2



B56283



B96463

# Triad

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



B56283



758240



0089B0

# Complementary

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



B56283



62B594

# 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.



008C96



B56283



4E8956

# Square

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



B56283



95783B



078C75



3881BC

# Rectangle

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



B56283



B26950



078C75



008AA9



# Sweetspot

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



B56283



EBCAD7



9462B5



756169



F5F5F5



757575



# Same Dimension

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



B56283



EB6A9D



B56A62



595054



99003D



1A000A



# Inverse Universe

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



B56283



EB6A9D



62ADB5



595054



99003D

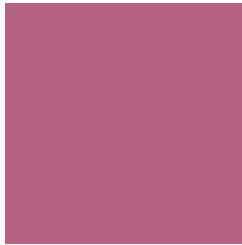


1A000A



# Previews

## White Background



This preview shows how the Hex color B56283 looks on a white background.

## Color Contrast Check

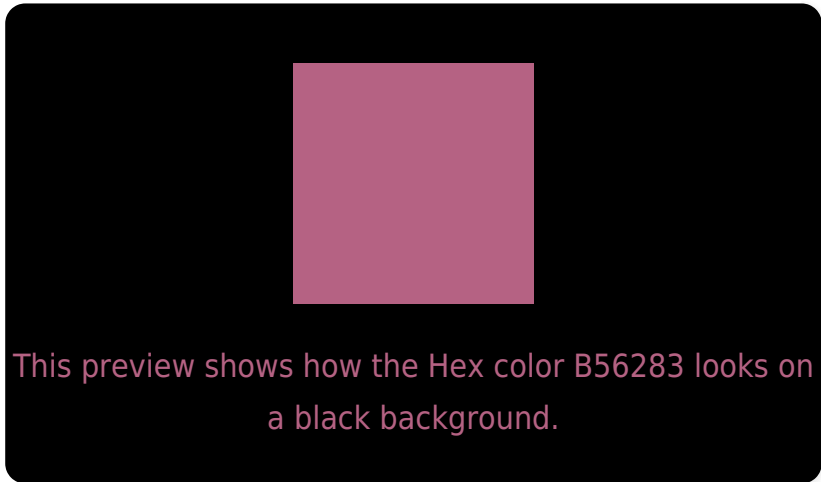
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56283 Background



This preview shows how black text looks on a background with the Hex color B56283.




This preview shows how white text looks on a background with the Hex color B56283.

# 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](#).

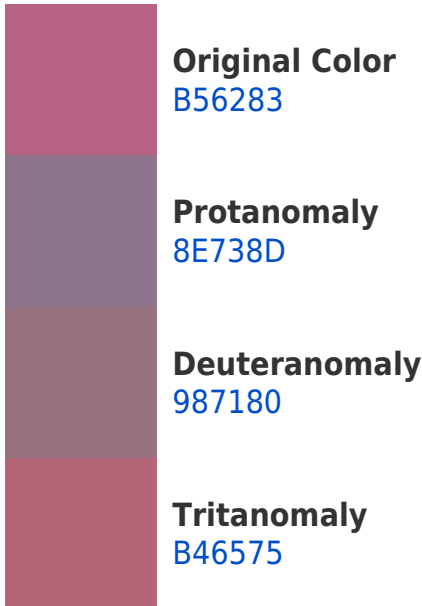
## Dichromacy





**Tritanopia**  
B3666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56283 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 #B56283 looks like.

```
.text, #text, p{  
    color:#B56283  
}
```

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 #B56283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56283
}
```

## Border

The CSS property to change the border of an element to Hex B56283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

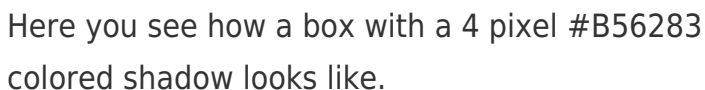
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B56283 }
```

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

```
.border{ border-color:#B56283 }
```

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



Here you see how a box with a 4 pixel #B56283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56283; -webkit-box-shadow:4px 4px  
4px 4px #B56283; box-shadow:4px 4px 4px  
4px #B56283 }
```

# Background

The CSS property to change the background color of an element to Hex B56283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56283 }
```

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

```
.background{ background-color:#B56283 }
```

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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