

# Converting Colors

Hex(B56499)

Have a look what the booklet for  
Hex(B56499) contains.

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**Color**

**Hex(B56499)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56499
RGB	181, 100, 153
RGB Percent	71%, 39%, 60%
CMY	0.2902, 0.6078, 0.4000
CMYK	0.00, 0.45, 0.15, 0.29
HSL	321°, 35%, 55%
HSV	321°, 45%, 71%
XYZ	29.3630, 21.2380, 32.6887
YIQ	130.2610, 31.2630, 33.6550

# Conversions

## Conversions Part 2

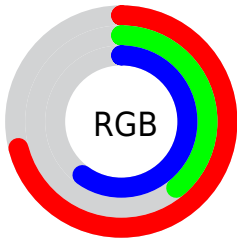
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 100, 153
Decimal	11887769
CIE <sub>Lab</sub>	53.21, 39.69, -14.59
CIE <sub>LCh</sub>	53, 42.289, 339.813
Yxy	21.2380, 0.3525, 0.2550
Android (android.graphics.Color)	4290077849 (0xFFB56499)
YUV	130.2610, 11.2103, 44.4981
Hunter-Lab	46.0847, 33.0835, -9.7962

# Details

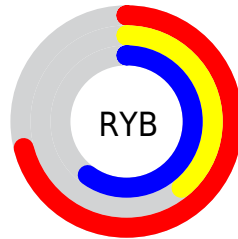
The Hex color **B56499** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **64B580**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **EE99CF**, and **7E3166** is the 20% darker color. If you saturate the color by 10%, you get **B55293**, and if you desaturate by 10%, it is **B5769F**.

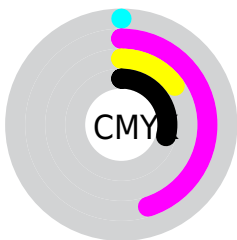
# Distribution



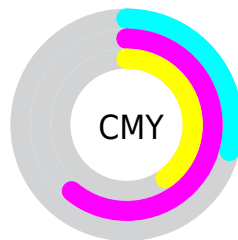
- Red (71%)
- Green (39%)
- Blue (60%)



- Red (71%)
- Yellow (39%)
- Blue (60%)



- Cyan (0%)
- Magenta (45%)
- Yellow (15%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56499 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 B56499 by changing the saturation by 10% instead.



 B56499

 B56499

FFFFFF

 994B7F

 EE99CF

 7E3166

 FFB4EC

 64174E

 FFD0FF

 4A0037

 FFEDFF

 320022

 140007

 000000

 B56499

 B56499

 B55293

 B5769F

 B5408C

 B588A6

 B52E86

 B59AAC

 B51C80

 B5ACB2

 B5097A

 B5BFB8

 B50076

 B5D1BF

 B5E3C5

 B5F5CB

 B5FFD1

# Harmonies

## Analogous

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



9171B7



B56499



C36074

# Triad

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



B56499



898134



0090AD

# Complementary

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



B56499



64B580

# 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.



00918A



B56499



618A45

# Square

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



B56499



A9743A



299065



008AC3

# Rectangle

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



B56499



C1645D



299065



0091A2



# Sweetspot

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



B56499



EBCCE0



7F64B5



75636F



F5F5F5



757575



# Same Dimension

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



B56499



EB6CBF



B56472



595056



990064



1A0011



# Inverse Universe

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



B56499



EB6CBF



64B5A8



595056



990064

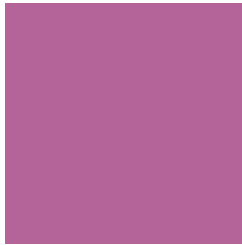


1A0011



# Previews

## White Background



This preview shows how the Hex color B56499 looks on a white background.

## Color Contrast Check

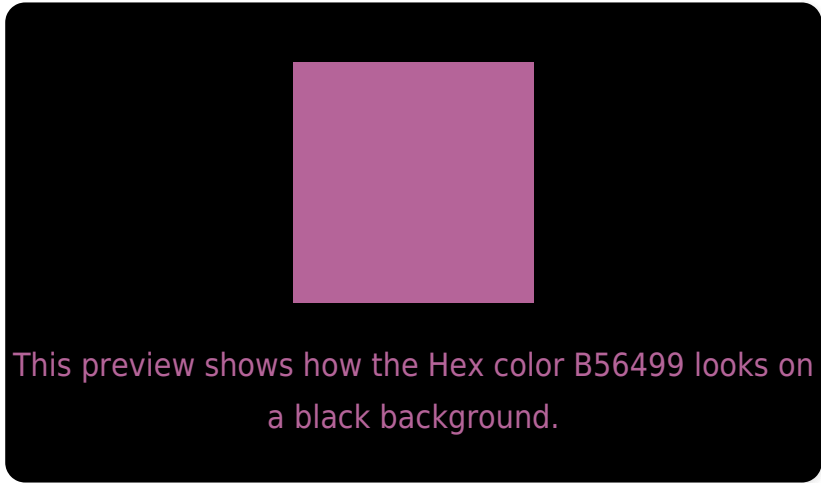
Large Text (above 18pt) WCAG AA ✓ Pass

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

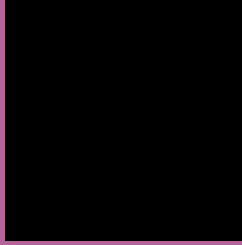
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B56499 Background



This preview shows how black text looks on a background with the Hex color B56499.




This preview shows how white text looks on a background with the Hex color B56499.

# 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**  
B16C74

# Trichromacy



**Original Color**  
B56499



**Protanomaly**  
8B75A4



**Deuteranomaly**  
957396



**Tritanomaly**  
B26981

# Monochromacy



**Original Color**  
B56499



**Achromatopsia**  
828282



**Achromatomaly**  
95778A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56499 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 #B56499 looks like.

```
.text, #text, p{  
    color:#B56499  
}
```

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 #B56499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56499
}
```

## Border

The CSS property to change the border of an element to Hex B56499 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
#B56499 }
```

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

```
.border{ border-color:#B56499 }
```

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

Here you see how a box with a 4 pixel #B56499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56499; -webkit-box-shadow:4px 4px  
4px 4px #B56499; box-shadow:4px 4px 4px  
4px #B56499 }
```

# Background

The CSS property to change the background color of an element to Hex B56499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56499 }
```

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

```
.background{ background-color:#B56499 }
```

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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