

Converting Colors

Hex(B1689D)

Have a look what the booklet for
Hex(B1689D) contains.

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Color

Hex(B1689D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B1689D |
| RGB | 177, 104, 157 |
| RGB Percent | 69%, 41%, 62% |
| CMY | 0.3059, 0.5922, 0.3843 |
| CMYK | 0.00, 0.41, 0.11, 0.31 |
| HSL | 316°, 32%, 55% |
| HSV | 316°, 41%, 69% |
| XYZ | 29.1676, 21.6821, 34.5460 |
| YIQ | 131.8690, 26.4950, 31.9590 |

Conversions

Conversions Part 2

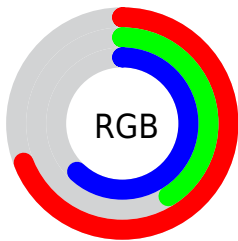
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 177, 104, 157 |
| Decimal | 11626653 |
| CIE _{Lab} | 53.69, 36.87, -16.26 |
| CIE _{LCh} | 54, 40.299, 336.209 |
| Yxy | 21.6821, 0.3416, 0.2539 |
| Android (android.graphics.Color) | 4289816733 (0xFFB1689D) |
| YUV | 131.8690, 12.3896, 39.5799 |
| Hunter-Lab | 46.5640, 30.3250, -11.3927 |

Details

The Hex color **B1689D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **68B17C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EA9DD4**, and **7B366A** is the 20% darker color. If you saturate the color by 10%, you get **B15698**, and if you desaturate by 10%, it is **B17AA2**.

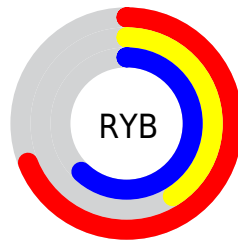
Distribution



Red (69%)

Green (41%)

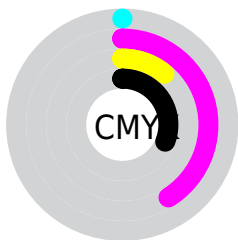
Blue (62%)



Red (69%)

Yellow (41%)

Blue (62%)

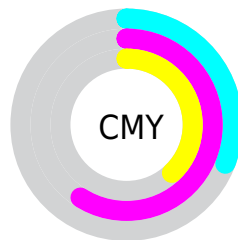


Cyan (0%)

Magenta (41%)

Yellow (11%)

Black (31%)



Cyan (31%)

Magenta (59%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1689D 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 B1689D by changing the saturation by 10% instead.

 B1689D

 B1689D

FFFFFF

 964F83

 EA9DD4

 7B366A

 FFB8F0


 611D51

 FFD4FF

 47013A

 FFF1FF

 300025

 11000D

 000000

 B1689D

 B1689D

 B15698

 B17AA2

 B14593

 B18BA7

 B1338E

 B19DAC

 B1218A

 B1AFB0

 B10F85

 B1C0B5

 B10081

 B1D2BA

 B1E4BF

 B1F6C4

 B1FFC9

Harmonies

Analogous

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



8D74B8



B1689D



C1637A

Triad

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



B1689D



8E8139



0091A8

Complementary

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



B1689D



68B17C

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.



009287



B1689D



698A46

Square

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



B1689D



AB7441



399063



008BBF

Rectangle

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



B1689D



C16664



399063



00929E

Sweetspot

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



B1689D



E6CADE



7B68B1



73636E



F2F2F2



737373

Same Dimension

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



B1689D



E675C7



B16879



595057



99006F



1A0013

Inverse Universe

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



B1689D



E675C7



68B1A0



595057



99006F



1A0013

Previews

White Background



This preview shows how the Hex color B1689D looks on a white background.

Color Contrast Check

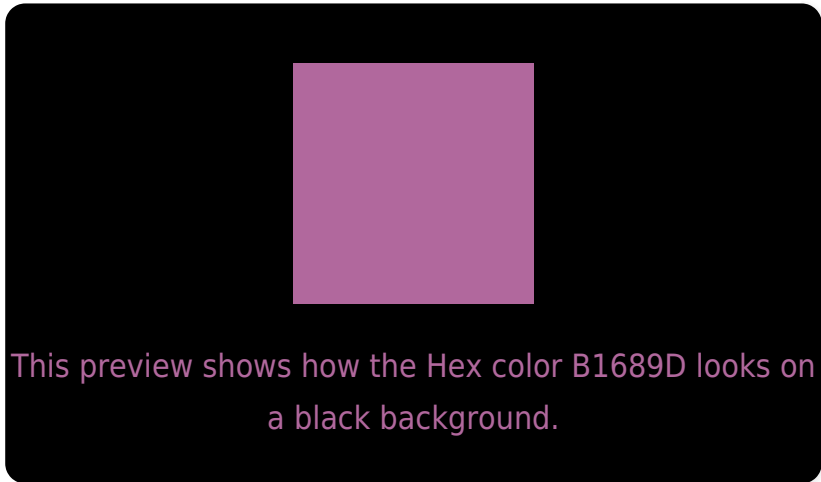
Large Text (above 18pt) WCAG AA ✓ Pass

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

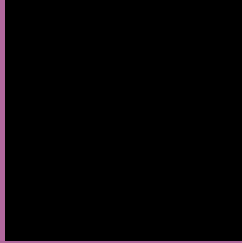
Any Text WCAG AA ✓ Pass

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 B1689D Background



This preview shows how black text looks on a background with the Hex color B1689D.



This preview shows how white text looks on a background with the Hex color B1689D.

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](#).

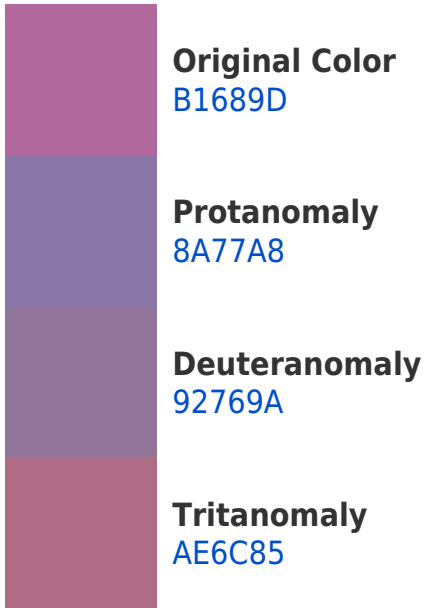
Dichromacy



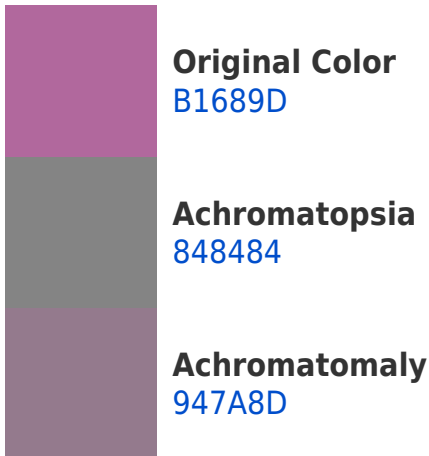


Tritanopia
AD6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1689D 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 #B1689D looks like.

```
.text, #text, p{  
    color:#B1689D  
}
```

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 #B1689D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1689D
}
```

Border

The CSS property to change the border of an element to Hex B1689D is called "border". The border property can be set on classes, ids or directly on the HTML element.

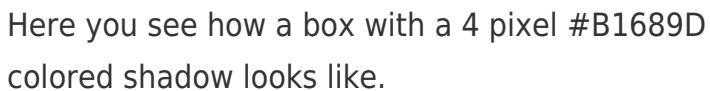
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1689D }
```

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

```
.border{ border-color:#B1689D }
```

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



Here you see how a box with a 4 pixel #B1689D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1689D; -webkit-box-shadow:4px 4px  
4px 4px #B1689D; box-shadow:4px 4px 4px  
4px #B1689D }
```

Background

The CSS property to change the background color of an element to Hex B1689D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1689D }
```

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

```
.background{ background-color:#B1689D }
```

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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