

# Converting Colors

Hex(B1609D)

Have a look what the booklet for  
Hex(B1609D) contains.

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**Color**

**Hex(B1609D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B1609D
RGB	177, 96, 157
RGB Percent	69%, 38%, 62%
CMY	0.3059, 0.6235, 0.3843
CMYK	0.00, 0.46, 0.11, 0.31
HSL	315°, 34%, 54%
HSV	315°, 46%, 69%
XYZ	28.4001, 20.1472, 34.2902
YIQ	127.1730, 28.6950, 36.1430

# Conversions

## Conversions Part 2

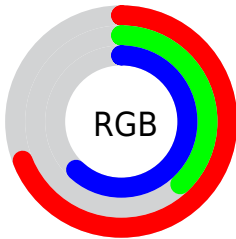
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 96, 157
Decimal	11624605
CIE <sub>Lab</sub>	52.00, 41.15, -18.82
CIE <sub>LCh</sub>	52, 45.254, 335.419
Yxy	20.1472, 0.3428, 0.2432
Android (android.graphics.Color)	4289814685 (0xFFB1609D)
YUV	127.1730, 14.7047, 43.6983
Hunter-Lab	44.8856, 34.3912, -13.8745

# Details

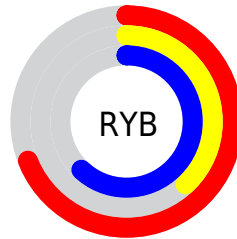
The Hex color **B1609D** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **60B174**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **EA95D4**, and **7A2D6A** is the 20% darker color. If you saturate the color by 10%, you get **B14E99**, and if you desaturate by 10%, it is **B172A1**.

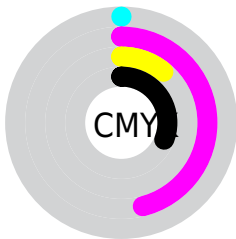
# Distribution



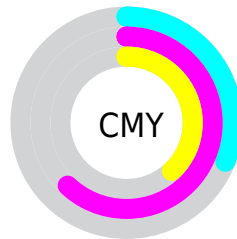
- Red (69%)
- Green (38%)
- Blue (62%)



- Red (69%)
- Yellow (38%)
- Blue (62%)



- Cyan (0%)
- Magenta (46%)
- Yellow (11%)
- Black (31%)



- Cyan (31%)
- Magenta (62%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1609D 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 B1609D by changing the saturation by 10% instead.



 B1609D

 B1609D

FFFFFF

 954783

 EA95D4

 7A2D6A

 FFB0F0

 601251

 FFCCFF

 47003A

 FFE9FF

 300025

 0C000C

 000000

 B1609D

 B1609D

 B14E99

 B172A1

 B13D94

 B183A6

 B12B90

 B195AA

 B1198C

 B1A7AE

 B10787

 B1B8B3

 B10085

 B1CAB7

 B1DCBC

 B1EEC0

 B1FFC4

# Harmonies

## Analogous

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



886FBB



B1609D



C35A76

# Triad

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



B1609D



8B7C2A



008EA8

# Complementary

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



B1609D



60B174

# 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.



008F82



B1609D



63873A

# Square

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



B1609D



AB6E35



268D5A



0089C2

# Rectangle

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



B1609D



C35D5D



268D5A



008F9C



# Sweetspot

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



B1609D



E6C5DE



7360B1



735F6E



F2F2F2



737373



# Same Dimension

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



B1609D



E667C6



B16076



595057



990073



1A0013



# Inverse Universe

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



B1609D



E667C6



60B19B



595057



990073

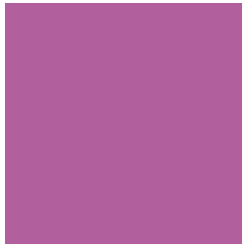


1A0013



# Previews

## White Background



This preview shows how the Hex color B1609D looks on a white background.

## Color Contrast Check

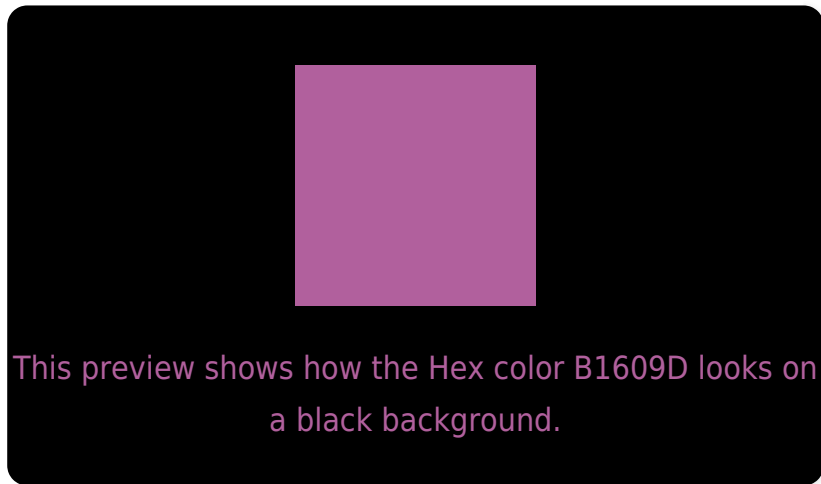
Large Text (above 18pt) WCAG AA ✓ Pass

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

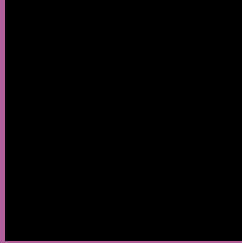
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B1609D Background



This preview shows how black text looks on a background with the Hex color B1609D.

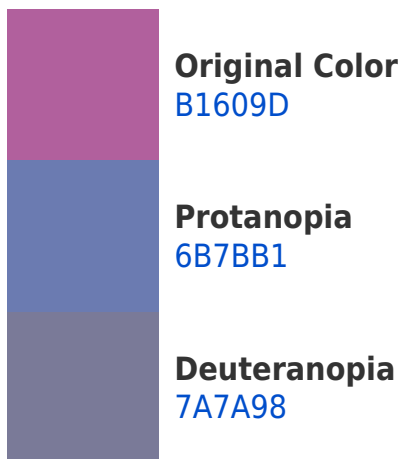



This preview shows how white text looks on a background with the Hex color B1609D.

# 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](#).

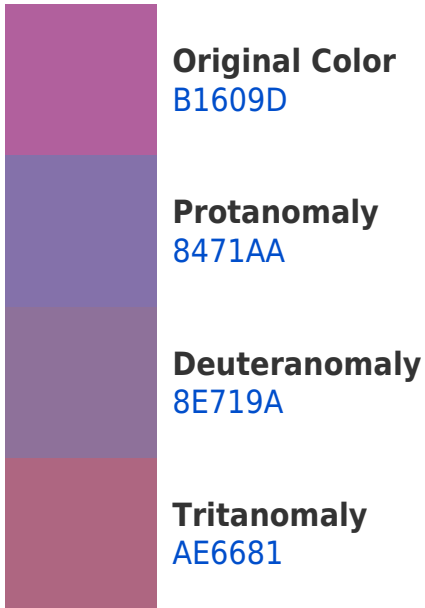
## Dichromacy



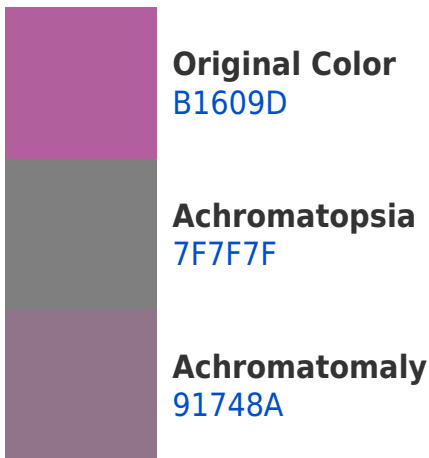


**Tritanopia**  
AC6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1609D 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 #B1609D looks like.

```
.text, #text, p{  
    color:#B1609D  
}
```

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 #B1609D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1609D
}
```

## Border

The CSS property to change the border of an element to Hex B1609D is called "border". The border property can be set on classes, ids or directly on the HTML element.

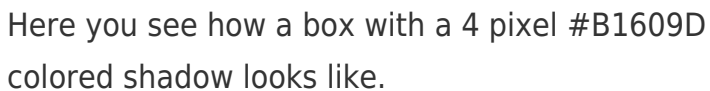
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B1609D }
```

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

```
.border{ border-color:#B1609D }
```

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



Here you see how a box with a 4 pixel #B1609D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1609D; -webkit-box-shadow:4px 4px  
4px 4px #B1609D; box-shadow:4px 4px 4px  
4px #B1609D }
```

# Background

The CSS property to change the background color of an element to Hex B1609D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1609D }
```

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

```
.background{ background-color:#B1609D }
```

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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