

# Converting Colors

Hex(B15291)

Have a look what the booklet for  
Hex(B15291) contains.

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**Color**

**Hex(B15291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B15291
RGB	177, 82, 145
RGB Percent	69%, 32%, 57%
CMY	0.3059, 0.6784, 0.4314
CMYK	0.00, 0.54, 0.18, 0.31
HSL	320°, 38%, 51%
HSV	320°, 54%, 69%
XYZ	26.2596, 17.4260, 28.7676
YIQ	117.5870, 36.3970, 39.7330

# Conversions

## Conversions Part 2

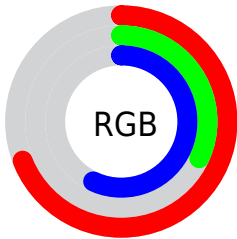
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 82, 145
Decimal	11621009
CIE <sub>Lab</sub>	48.79, 46.37, -16.62
CIE <sub>LCh</sub>	49, 49.263, 340.279
Yxy	17.4260, 0.3624, 0.2405
Android (android.graphics.Color)	4289811089 (0xFFB15291)
YUV	117.5870, 13.5146, 52.1052
Hunter-Lab	41.7445, 39.2335, -11.6377

# Details

The Hex color **B15291** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **52B172**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **EB87C7**, and **7A1C5E** is the 20% darker color. If you saturate the color by 10%, you get **B1408B**, and if you desaturate by 10%, it is **B16497**.

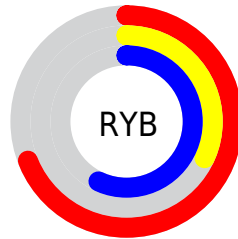
# Distribution



Red (69%)

Green (32%)

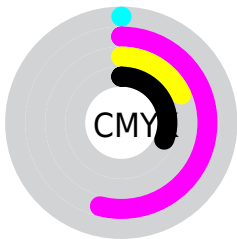
Blue (57%)



Red (69%)

Yellow (32%)

Blue (57%)

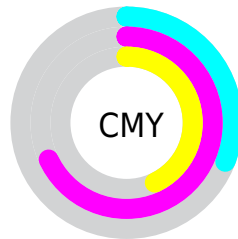


Cyan (0%)

Magenta (54%)

Yellow (18%)

Black (31%)



Cyan (31%)

Magenta (68%)


Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B15291 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 B15291 by changing the saturation by 10% instead.



 B15291

 B15291

FFFFFF

 953877

 EB87C7

 7A1C5E

 FFA2E3

 5F0047

 FFBEFF

 450030

 FFDBFF

 2E001C

 FFF8FF

 000000

 B15291

 B15291

 B1408B

 B16497

 B12F85

 B1759D

 B11D7F

 B187A3

 B10B79

 B199A9

 B10075

 B1ABAF

 B1BCB5

 B1CEBB

 B1E0C1

 B1F1C7

# Harmonies

## Analogous

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



8963B4



B15291



C04D67

# Triad

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



B15291



7C7618



0086A9

# Complementary

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



B15291



52B172

# 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.



008882



B15291



4F8030

# Square

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



B15291



A06821



008656



0080C2

# Rectangle

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



B15291



BD524C



008656



00879D



# Sweetspot

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



B15291



E6C1D9



7252B1



735D6B



F2F2F2



737373



# Same Dimension

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



B15291



E653B4



B15262



595056



990065



1A0011



# Inverse Universe

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



B15291



E653B4



52B1A1



595056



990065



1A0011



# Previews

## White Background



This preview shows how the Hex color B15291 looks on a white background.

## Color Contrast Check

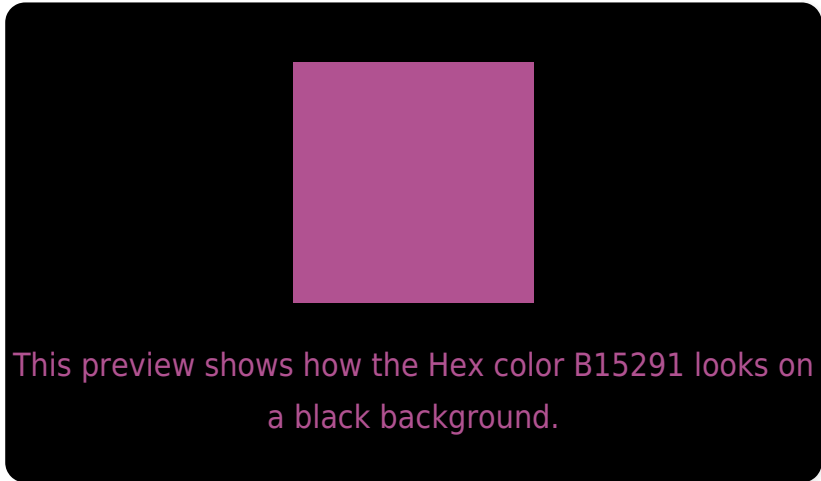
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

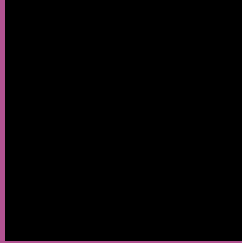
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B15291 Background



This preview shows how black text looks on a background with the Hex color B15291.

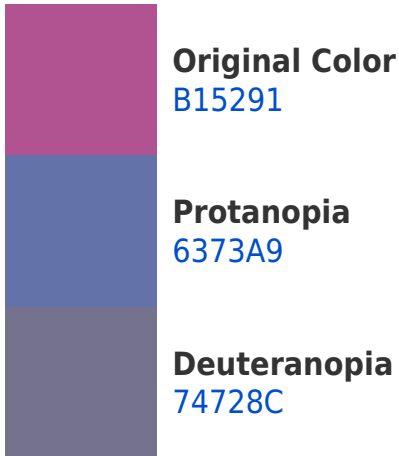


This preview shows how white text looks on a background with the Hex color B15291.

# 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](#).

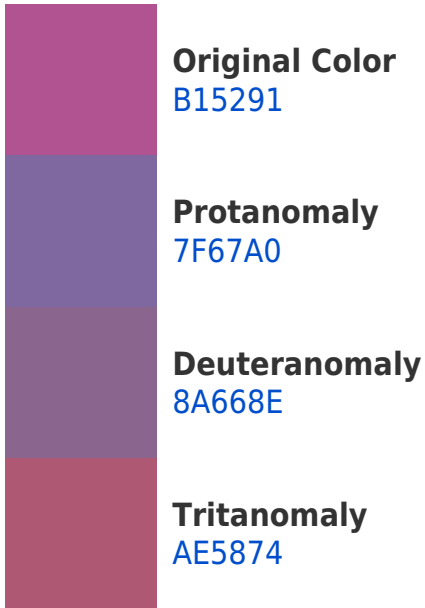
## Dichromacy





**Tritanopia**  
AC5C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B15291 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 #B15291 looks like.

```
.text, #text, p{  
    color:#B15291  
}
```

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 #B15291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B15291
}
```

## Border

The CSS property to change the border of an element to Hex B15291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

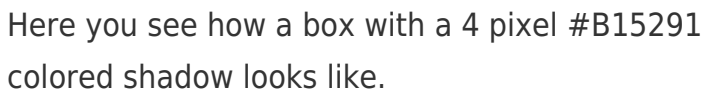
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B15291 }
```

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

```
.border{ border-color:#B15291 }
```

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



Here you see how a box with a 4 pixel #B15291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B15291; -webkit-box-shadow:4px 4px  
4px 4px #B15291; box-shadow:4px 4px 4px  
4px #B15291 }
```

# Background

The CSS property to change the background color of an element to Hex B15291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B15291 }
```

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

```
.background{ background-color:#B15291 }
```

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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