

Converting Colors

Hex(BD3591)

Have a look what the booklet for
Hex(BD3591) contains.

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Color

Hex(BD3591)

Conversions

Conversions Part 1

Format	Color
Hex	BD3591
RGB	189, 53, 145
RGB Percent	74%, 21%, 57%
CMY	0.2588, 0.7922, 0.4314
CMYK	0.00, 0.72, 0.23, 0.26
HSL	319°, 56%, 47%
HSV	319°, 72%, 74%
XYZ	27.3702, 15.4094, 28.3198
YIQ	104.1520, 51.5240, 57.4440

Conversions

Conversions Part 2

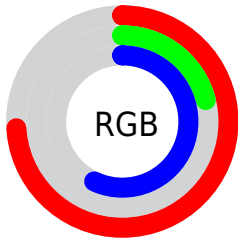
Format	Color
R_{YB}	189, 53, 145
Decimal	12400017
CIE _{Lab}	46.19, 62.12, -20.44
CIE _{LCh}	46, 65.397, 341.785
Yxy	15.4094, 0.3850, 0.2167
Android (android.graphics.Color)	4290590097 (0xFFBD3591)
YUV	104.1520, 20.1381, 74.4117
Hunter-Lab	39.2548, 55.7625, -15.2956

Details

The Hex color **BD3591** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **35BD61**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **F86FC7**, and **84005E** is the 20% darker color. If you saturate the color by 10%, you get **BD228B**, and if you desaturate by 10%, it is **BD4897**.

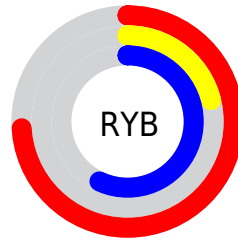
Distribution



Red (74%)

Green (21%)

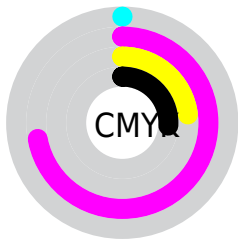
Blue (57%)



Red (74%)

Yellow (21%)

Blue (57%)

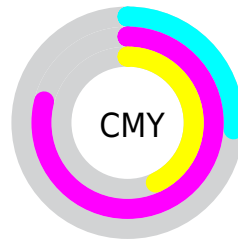


Cyan (0%)

Magenta (72%)

Yellow (23%)

Black (26%)



Cyan (26%)

Magenta (79%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD3591 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 BD3591 by changing the saturation by 10% instead.


 BD3591

 BD3591

FFFFFF

 A00D77

 F86FC7

 84005E

 FF8BE3

 680046

 FFA8FF

 4C0030

 FFC4FF

 32001B

 FFE2FF

 070000

 000000

 BD3591

 BD3591

 BD228B

 BD4897

 BD0F85

 BD5B9D

 BD0080

 BD6EA3

 BD81A9

 BD94B0

 BDA6B6

 BDB9BC

 BDCCC2

 BDDFC8

Harmonies

Analogous

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



8953C0



BD3591



CD2B5A

Triad

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



BD3591



717200



0084B6

Complementary

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



BD3591



35BD61

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.



008582



BD3591



2F7D07

Square

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



BD3591



9F5E00



008349



007DD6

Rectangle

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



BD3591



C73937



008349



0085A6

Sweetspot

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



BD3591



F5BFE3



6035BD



7A5B70



FAFAFA



7A7A7A

Same Dimension

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



BD3591



F522B1



BD354E



5E555B



9E006B



1F0015

Inverse Universe

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



BD3591



F522B1



35BDA4



5E555B



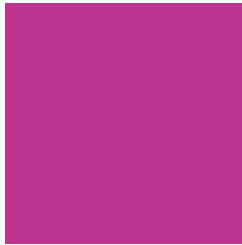
9E006B



1F0015

Previews

White Background



This preview shows how the Hex color BD3591 looks on a white background.

Color Contrast Check

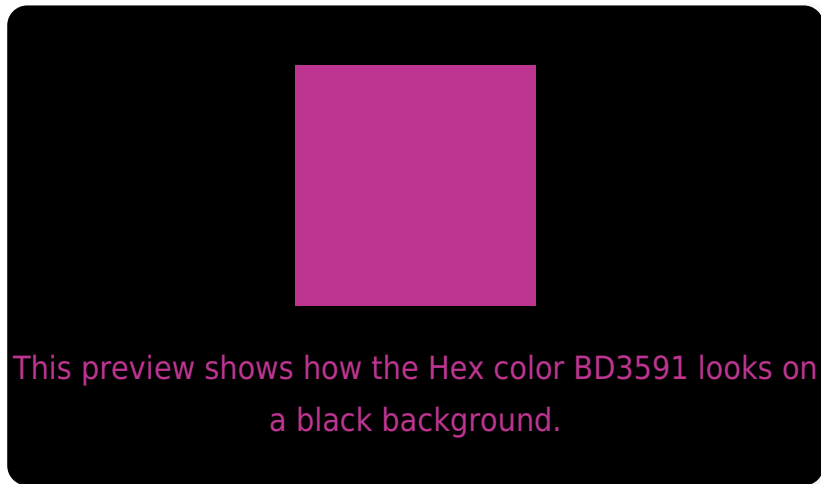
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD3591 Background



This preview shows how black text looks on a background with the Hex color BD3591.

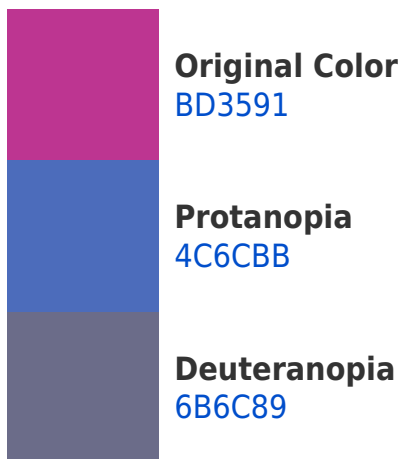



This preview shows how white text looks on a background with the Hex color BD3591.

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
B7494E

Trichromacy



Original Color
BD3591



Protanomaly
7558AC



Deuteranomaly
89588C



Tritanomaly
B94266

Monochromacy



Original Color
BD3591



Achromatopsia
686868



Achromatomaly
875577

CSS Examples

Text

The CSS property to change the color of the text to Hex BD3591 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 #BD3591 looks like.

```
.text, #text, p{  
    color:#BD3591  
}
```

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 #BD3591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD3591
}
```

Border

The CSS property to change the border of an element to Hex BD3591 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
#BD3591 }
```

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

```
.border{ border-color:#BD3591 }
```

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

Here you see how a box with a 4 pixel #BD3591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD3591; -webkit-box-shadow:4px 4px  
4px 4px #BD3591; box-shadow:4px 4px 4px  
4px #BD3591 }
```

Background

The CSS property to change the background color of an element to Hex BD3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD3591 }
```

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

```
.background{ background-color:#BD3591 }
```

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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