

# Converting Colors

Hex(B50290)

Have a look what the booklet for  
Hex(B50290) contains.

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**Color**

**Hex(B50290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B50290
RGB	181, 2, 144
RGB Percent	71%, 1%, 56%
CMY	0.2902, 0.9922, 0.4353
CMYK	0.00, 0.99, 0.20, 0.29
HSL	312°, 98%, 36%
HSV	312°, 99%, 71%
XYZ	24.1118, 11.8808, 27.4079
YIQ	71.7090, 61.1020, 82.1100

# Conversions

## Conversions Part 2

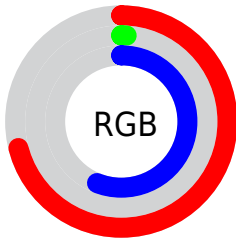
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 2, 144
Decimal	11862672
CIELab	41.03, 70.72, -27.96
CIELCh	41, 76.044, 338.428
Yxy	11.8808, 0.3803, 0.1874
Android (android.graphics.Color)	4290052752 (0xFFB50290)
YUV	71.7090, 35.6395, 95.8482
Hunter-Lab	34.4685, 64.5464, -23.0170

# Details

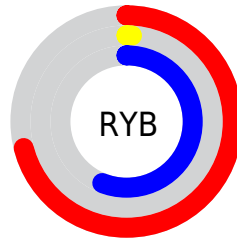
The Hex color **B50290** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **02B527**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **F155C6**, and **7B005D** is the 20% darker color. If you saturate the color by 10%, you get **B50090**, and if you desaturate by 10%, it is **B51494**.

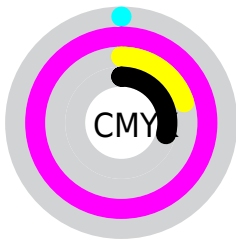
# Distribution



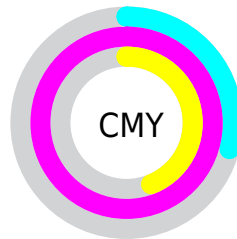
- Red (71%)
- Green (1%)
- Blue (56%)



- Red (71%)
- Yellow (1%)
- Blue (56%)



- Cyan (0%)
- Magenta (99%)
- Yellow (20%)
- Black (29%)



- Cyan (29%)
- Magenta (99%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B50290 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 B50290 by changing the saturation by 10% instead.



 B50290

 B50290

FFFFFF

 980076

 F155C6

 7B005D

 FF73E2

 5F0045

 FF90FF

 45002F

 FFADFF

 280019

 FFCAFF

 000000

 FFE8FF

 B50290

 B50290

 B50090

 B51494

 B52697

 B5389B

 B54A9F

 B55DA3

 B56FA6

 B581AA

 B593AE

 B5A5B2

# Harmonies

## Analogous

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



7345C4



B50290



CA0052

# Triad

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



B50290



676400



0079AE

# Complementary

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



B50290



02B527

# 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.



007A71



B50290



137100

# Square

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



B50290



9A4C00



00772F



0074D6

# Rectangle

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



B50290



C4002A



00772F



007A9B



# Sweetspot

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



B50290



EBA4DC



2602B5



754B6D



F5F5F5



757575



# Same Dimension

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



B50290



EB00BA



B50238



595057



990079



1A0014



# Inverse Universe

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



B50290



EB00BA



02B57F



595057



990079



1A0014



# Previews

## White Background



This preview shows how the Hex color B50290 looks on a white background.

## Color Contrast Check

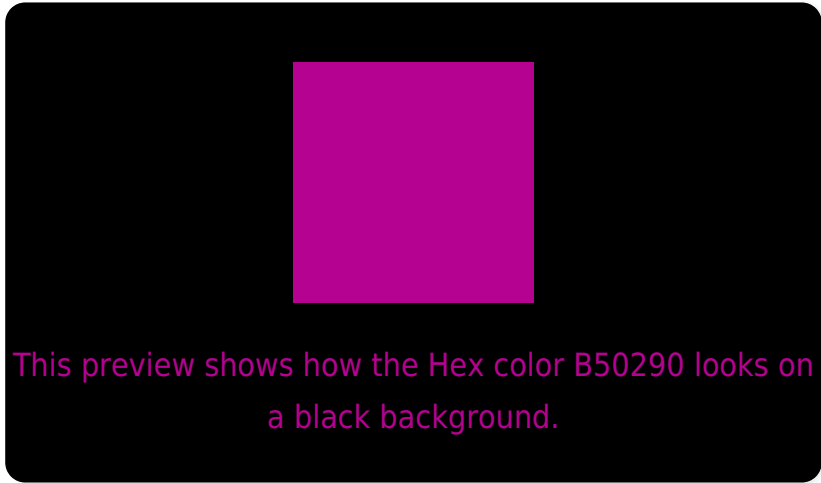
Large Text (above 18pt) WCAG AA ✓ Pass

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 B50290 Background



This preview shows how black text looks on a background with the Hex color B50290.



This preview shows how white text looks on a background with the Hex color B50290.

# 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





# Trichromacy



**Original Color**  
B50290



**Protanomaly**  
423DB6



**Deuteranomaly**  
7A3F8A



**Tritanomaly**  
B1255B

# Monochromacy



**Original Color**  
B50290



**Achromatopsia**  
484848



**Achromatomaly**  
702F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B50290 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 #B50290 looks like.

```
.text, #text, p{  
    color:#B50290  
}
```

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 #B50290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50290
}
```

## Border

The CSS property to change the border of an element to Hex B50290 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
#B50290 }
```

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

```
.border{ border-color:#B50290 }
```

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

Here you see how a box with a 4 pixel #B50290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50290; -webkit-box-shadow:4px 4px  
4px 4px #B50290; box-shadow:4px 4px 4px  
4px #B50290 }
```

# Background

The CSS property to change the background color of an element to Hex B50290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50290 }
```

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

```
.background{ background-color:#B50290 }
```

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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