

# Converting Colors

Hex(B91088)

Have a look what the booklet for  
Hex(B91088) contains.

<b>Hex(B91088)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B91088)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B91088
RGB	185, 16, 136
RGB Percent	73%, 6%, 53%
CMY	0.2745, 0.9373, 0.4667
CMYK	0.00, 0.91, 0.26, 0.27
HSL	317°, 84%, 39%
HSV	317°, 91%, 73%
XYZ	24.6368, 12.4624, 24.3995
YIQ	80.2110, 62.2040, 73.1480

# Conversions

## Conversions Part 2

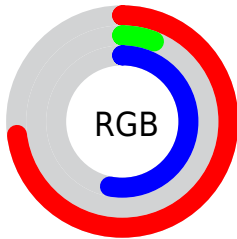
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 16, 136
Decimal	12128392
CIELab	41.94, 69.05, -21.58
CIElCh	42, 72.344, 342.645
Yxy	12.4624, 0.4006, 0.2026
Android (android.graphics.Color)	4290318472 (0xFFB91088)
YUV	80.2110, 27.5040, 91.9000
Hunter-Lab	35.3022, 62.7934, -16.2675

# Details

The Hex color **B91088** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **10B941**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **F559BE**, and **7F0056** is the 20% darker color. If you saturate the color by 10%, you get **B90083**, and if you desaturate by 10%, it is **B9238D**.

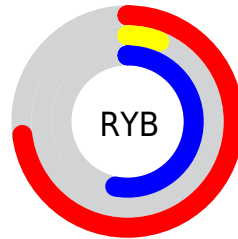
# Distribution



Red (73%)

Green (6%)

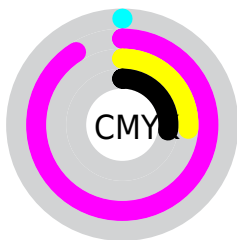
Blue (53%)



Red (73%)

Yellow (6%)

Blue (53%)

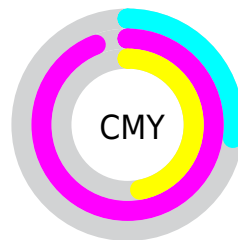


Cyan (0%)

Magenta (91%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (94%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B91088 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 B91088 by changing the saturation by 10% instead.



 B91088

 B91088

FFFFFF

 9C006E

 F559BE

 7F0056

 FF77D9

 62003E

 FF94F6

 480029

 FFB1FF

 2B0012

 FFCEFF

 000000

 FFECFF

 B91088

 B91088

 B90083

 B9238D

 B93593

 B94798

 B95A9D

 B96DA3

 B97FA8

 B992AE

 B9A4B3

 B9B6B8

# Harmonies

## Analogous

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



8244BC



B91088



C8004D

# Triad

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



B91088



626800



007BB3

# Complementary

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



B91088



10B941

# 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.



007C7C



B91088



037400

# Square

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



B91088



955300



007A3D



0074D6

# Rectangle

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



B91088



C12026



007A3D



007BA2



# Sweetspot

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



B91088



F0AFDD



4010B9



78516D



F7F7F7



787878



# Same Dimension

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



B91088



F000AA



B91035



5C5359



9C006E



1C0014



# Inverse Universe

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



B91088



F000AA



10B994



5C5359



9C006E



1C0014



# Previews

## White Background



This preview shows how the Hex color B91088 looks on a white background.

## Color Contrast Check

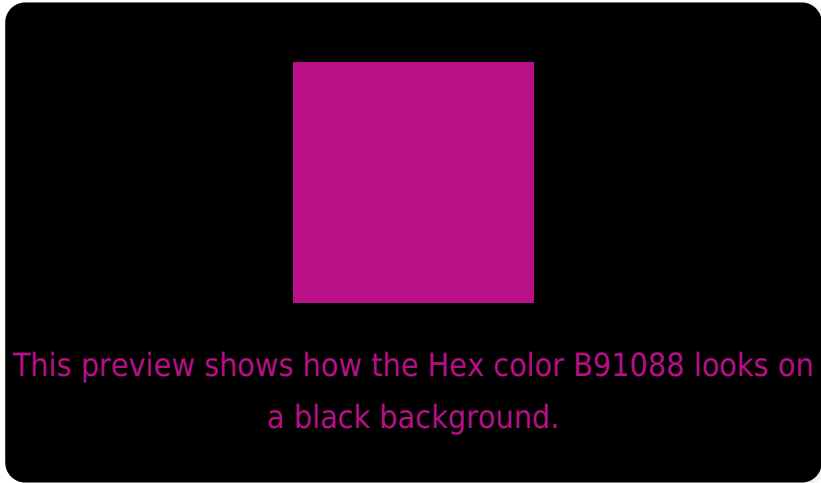
Large Text (above 18pt) WCAG AA ✓ Pass

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

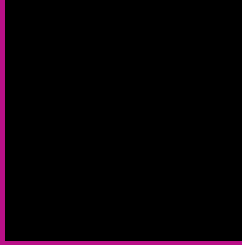
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B91088 Background



This preview shows how black text looks on a background with the Hex color B91088.




This preview shows how white text looks on a background with the Hex color B91088.

# 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**  
B3373A

# Trichromacy



**Original Color**  
B91088



**Protanomaly**  
6244AC



**Deuteranomaly**  
804582



**Tritanomaly**  
B52956

# Monochromacy



**Original Color**  
B91088



**Achromatopsia**  
505050



**Achromatomaly**  
763964

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B91088 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 #B91088 looks like.

```
.text, #text, p{  
    color:#B91088  
}
```

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 #B91088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B91088
}
```

## Border

The CSS property to change the border of an element to Hex B91088 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".

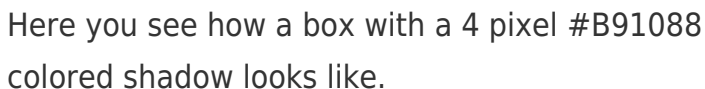
```
.border, #border, table{ border:4px solid
#B91088 }
```

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

```
.border{ border-color:#B91088 }
```

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

Here you see how a box with a 4 pixel #B91088 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B91088; -webkit-box-shadow:4px 4px  
4px 4px #B91088; box-shadow:4px 4px 4px  
4px #B91088 }
```

# Background

The CSS property to change the background color of an element to Hex B91088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B91088 }
```

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

```
.background{ background-color:#B91088 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor