

# Converting Colors

Hex(BA1273)

Have a look what the booklet for  
Hex(BA1273) contains.

|  |    |
|--|----|
| <b>Hex(BA1273)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(BA1273)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | BA1273                    |
| RGB           | 186, 18, 115              |
| RGB Percent   | 73%, 7%, 45%              |
| CMY           | 0.2706, 0.9294, 0.5490    |
| CMYK          | 0.00, 0.90, 0.38, 0.27    |
| HSL           | 325°, 82%, 40%            |
| HSV           | 325°, 90%, 73%            |
| XYZ           | 23.5605, 12.1095, 17.3152 |
| YIQ           | 79.2900, 68.9910, 65.7830 |

# Conversions

## Conversions Part 2

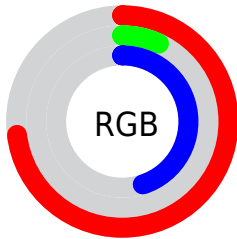
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 186, 18, 115                 |
| Decimal                             | 12194419                     |
| CIE <sub>Lab</sub>                  | 41.39, 66.72, -9.41          |
| CIE <sub>LCh</sub>                  | 41, 67.379, 351.973          |
| Yxy                                 | 12.1095, 0.4447,<br>0.2285   |
| Android<br>(android.graphics.Color) | 4290384499<br>(0xFFBA1273)   |
| YUV                                 | 79.2900, 17.6050,<br>93.5847 |
| Hunter-Lab                          | 34.7987, 59.9558,<br>-5.1426 |

# Details

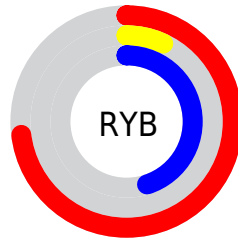
The Hex color **BA1273** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12BA59**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F759A7**, and **7F0043** is the 20% darker color. If you saturate the color by 10%, you get **BA006B**, and if you desaturate by 10%, it is **BA257B**.

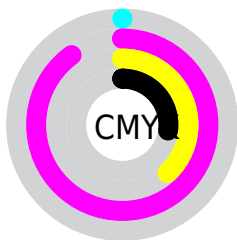
# Distribution



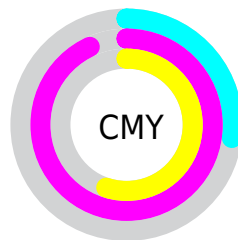
- Red (73%)
- Green (7%)
- Blue (45%)



- Red (73%)
- Yellow (7%)
- Blue (45%)



- Cyan (0%)
- Magenta (90%)
- Yellow (38%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA1273 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 BA1273 by changing the saturation by 10% instead.



 BA1273

 BA1273

FFFFFF

 9C005A

 F759A7

 7F0043

 FF77C2

 62002D

 FF93DE

 470019

 FFB0FB

 2A0001

 FFCDFE

 000000

 FFE8FF

 BA1273

 BA1273

 BA006B

 BA257B

 BA3783

 BA4A8B

 BA5C92

 BA6F9A

 BA82A2

 BA94AA

 BAA7B2

 BAB9BA

# Harmonies

## Analogous

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



943AA7



BA1273



BF1A3C

# Triad

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



BA1273



506B00



0076B9

# Complementary

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



BA1273



12BA59

# 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.



00798A



BA1273



007411

# Square

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



BA1273



845A00



007850



006DD1

# Rectangle

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



BA1273



B33418



007850



0078AB



# Sweetspot

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



BA1273



F2B1D7



5812BA



7A536A



FAFAFA



7A7A7A



# Same Dimension

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



BA1273



F2008C



BA1220



5C5358



9C005A



1C0010



# Inverse Universe

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



BA1273



F2008C



12BAAC



5C5358



9C005A



1C0010



# Previews

## White Background



This preview shows how the Hex color BA1273 looks on a white background.

## Color Contrast Check

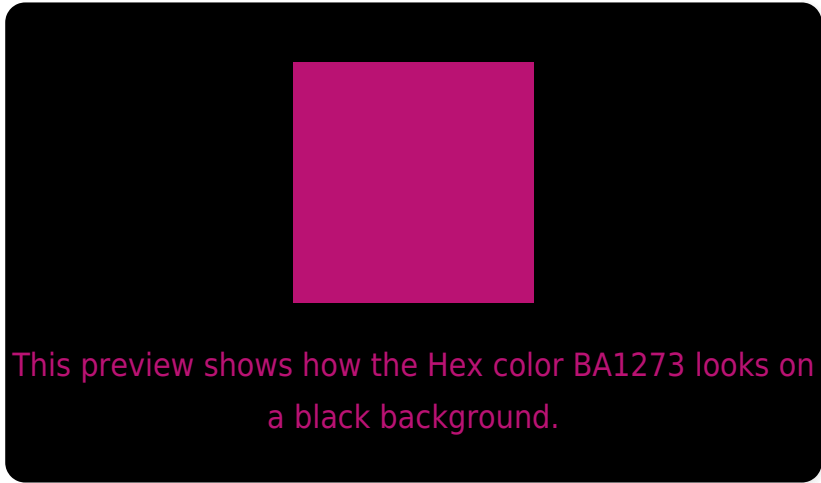
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA1273 Background



This preview shows how black text looks on a background with the Hex color BA1273.

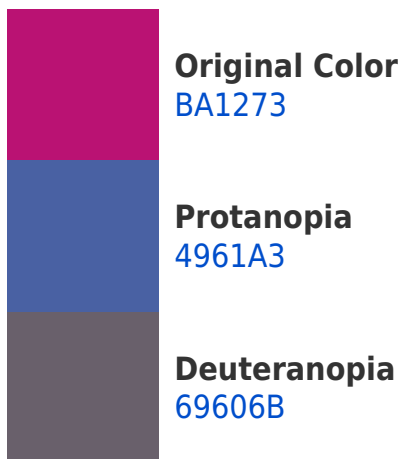



This preview shows how white text looks on a background with the Hex color BA1273.

# 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**  
B63031

# Trichromacy



**Original Color**  
BA1273



**Protanomaly**  
724492



**Deuteranomaly**  
86446E

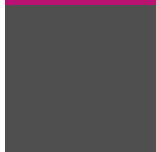


**Tritanomaly**  
B72549

# Monochromacy



**Original Color**  
BA1273



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
76395C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA1273 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 #BA1273 looks like.

```
.text, #text, p{  
    color:#BA1273  
}
```

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 #BA1273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA1273
}
```

## Border

The CSS property to change the border of an element to Hex BA1273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

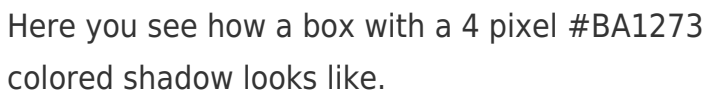
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA1273 }
```

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

```
.border{ border-color:#BA1273 }
```

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



Here you see how a box with a 4 pixel #BA1273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA1273; -webkit-box-shadow:4px 4px  
4px 4px #BA1273; box-shadow:4px 4px 4px  
4px #BA1273 }
```

# Background

The CSS property to change the background color of an element to Hex BA1273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA1273 }
```

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

```
.background{ background-color:#BA1273 }
```

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