

# Converting Colors

Hex(BA1742)

Have a look what the booklet for  
Hex(BA1742) contains.

<b>Hex(BA1742)</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(BA1742)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA1742
RGB	186, 23, 66
RGB Percent	73%, 9%, 26%
CMY	0.2706, 0.9098, 0.7412
CMYK	0.00, 0.88, 0.65, 0.27
HSL	344°, 78%, 41%
HSV	344°, 88%, 73%
XYZ	21.5395, 11.4452, 6.2282
YIQ	76.6390, 83.3450, 47.9290

# Conversions

## Conversions Part 2

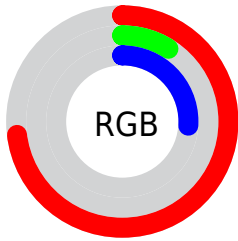
Format	Color
R <sub>Y</sub> B	186, 23, 66
Decimal	12195650
CIE Lab	40.32, 62.08, 20.04
CIE LCh	40, 65.233, 17.895
Yxy	11.4452, 0.5493, 0.2919
Android (android.graphics.Color)	4290385730 (0xFFBA1742)
YUV	76.6390, -5.2450, 95.9096
Hunter-Lab	33.8308, 54.4438, 12.7665

# Details

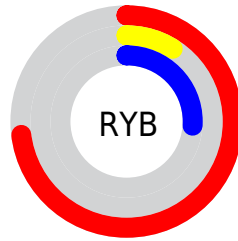
The Hex color **BA1742** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **17BA8F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **F85A72**, and **7D0018** is the 20% darker color. If you saturate the color by 10%, you get **BA0434**, and if you desaturate by 10%, it is **BA2A50**.

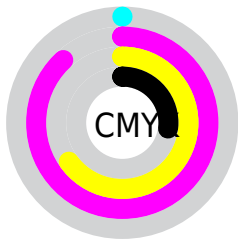
# Distribution



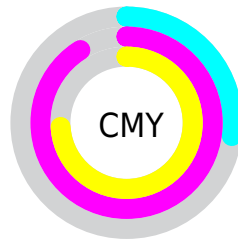
- Red (73%)
- Green (9%)
- Blue (26%)



- Red (73%)
- Yellow (9%)
- Blue (26%)



- Cyan (0%)
- Magenta (88%)
- Yellow (65%)
- Black (27%)



- Cyan (27%)
- Magenta (91%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA1742 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 BA1742 by changing the saturation by 10% instead.



 BA1742

 BA1742

FFFFFF

 9B002C

 F85A72

 7D0018

 FF768B

 5F0000

 FF93A5

 430003

 FFAFC0

 220001

 FCCDC

 000000

 FFEAF9

 BA1742

 BA1742

 BA0434

 BA2A50

 BA0031

 BA3C5D

 BA4F6B

 BA6179

 BA7486

 BA8794

 BA99A2

 BAACB0

 BABEBD

# Harmonies

## Analogous

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



B11A77



BA1742



A93A0B

# Triad

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



BA1742



007005



006CC9

# Complementary

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



BA1742



17BA8F

# 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.



0074AE



BA1742



007447

# Square

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



BA1742



566600



00767F



005BC6

# Rectangle

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



BA1742



934D00



00767F



006FC3



# Sweetspot

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



BA1742



F2B3C4



8F17BA



7A545E



FAFAFA



7A7A7A



# Same Dimension

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



BA1742



F20040



BA3D17



5C5355



9C0029



1C0007



# Inverse Universe

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



BA1742



F20040



1794BA



5C5355



9C0029



1C0007



# Previews

## White Background



This preview shows how the Hex color BA1742 looks on a white background.

## Color Contrast Check

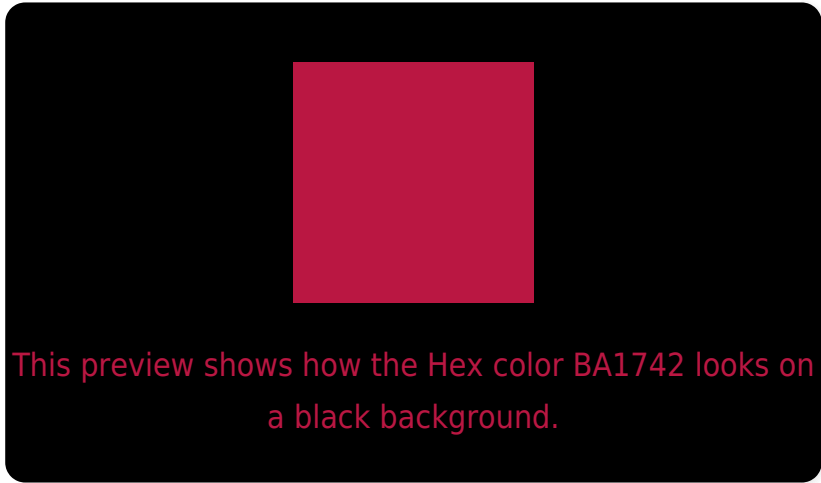
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA1742 Background



This preview shows how black text looks on a background with the Hex color BA1742.



This preview shows how white text looks on a background with the Hex color BA1742.

# 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



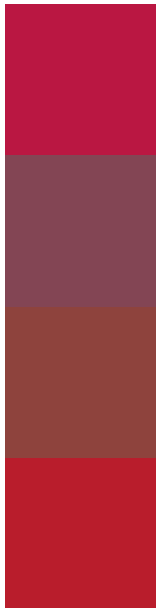
**Original Color**  
BA1742

**Protanopia**  
63605F

**Deuteranopia**  
755C3A



# Trichromacy



**Original Color**  
BA1742

**Protanomaly**  
834554

**Deuteranomaly**  
8E433D

**Tritanomaly**  
B91D2C

# Monochromacy



**Original Color**  
BA1742

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
753949

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA1742 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 #BA1742 looks like.

```
.text, #text, p{  
    color:#BA1742  
}
```

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 #BA1742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA1742
}
```

## Border

The CSS property to change the border of an element to Hex BA1742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

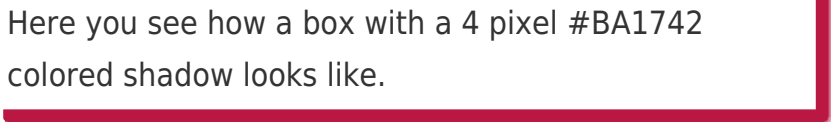
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA1742 }
```

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

```
.border{ border-color:#BA1742 }
```

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



Here you see how a box with a 4 pixel #BA1742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA1742; -webkit-box-shadow:4px 4px  
4px 4px #BA1742; box-shadow:4px 4px 4px  
4px #BA1742 }
```

# Background

The CSS property to change the background color of an element to Hex BA1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA1742 }
```

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

```
.background{ background-color:#BA1742 }
```

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