

# Converting Colors

Hex(BA2232)

Have a look what the booklet for  
Hex(BA2232) contains.

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# Color

Hex(BA2232)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | BA2232                    |
| RGB         | 186, 34, 50               |
| RGB Percent | 73%, 13%, 20%             |
| CMY         | 0.2706, 0.8667, 0.8039    |
| CMYK        | 0.00, 0.82, 0.73, 0.27    |
| HSL         | 354°, 69%, 43%            |
| HSV         | 354°, 82%, 73%            |
| XYZ         | 21.3975, 11.8134, 4.1701  |
| YIQ         | 81.2720, 85.4560, 37.2000 |

# Conversions

## Conversions Part 2

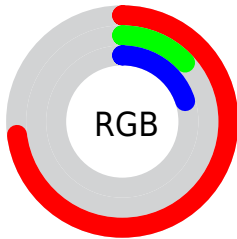
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 186, 34, 50                   |
| Decimal                             | 12198450                      |
| CIE Lab                             | 40.92, 58.83, 30.72           |
| CIE LCh                             | 41, 66.367, 27.572            |
| Yxy                                 | 11.8134, 0.5724,<br>0.3160    |
| Android<br>(android.graphics.Color) | 4290388530<br>(0xFFBA2232)    |
| YUV                                 | 81.2720, -15.4171,<br>91.8465 |
| Hunter-Lab                          | 34.3707, 50.9763,<br>16.8661  |

# Details

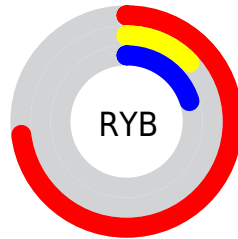
The Hex color **BA2232** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **22BAAA**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **F95F60**, and **7D0006** is the 20% darker color. If you saturate the color by 10%, you get **BA0F21**, and if you desaturate by 10%, it is **BA3543**.

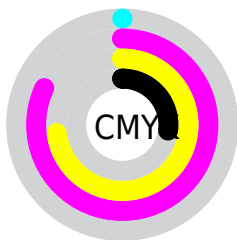
# Distribution



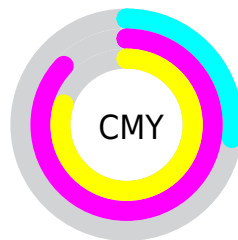
- Red (73%)
- Green (13%)
- Blue (20%)



- Red (73%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (82%)
- Yellow (73%)
- Black (27%)



- Cyan (27%)
- Magenta (87%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA2232 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 BA2232 by changing the saturation by 10% instead.



 BA2232

 BA2232

FFFFFF

 9B001D

 F95F60

 7D0006

 FF7B79

 5E0000

 FF9793

 420003

 FFB4AE

 210001

 FFD1C9

 000000

 FFEED5

 BA2232

 BA2232

 BA0F21

 BA3543

 BA0014

 BA4753

 BA5A64

 BA6C75

 BA7F85

 BA9296

 BAA4A6

 BAB7B7

 BAC9C8

# Harmonies

## Analogous

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



BB0E67



BA2232



A24500

# Triad

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



BA2232



00731F



0069CF

# Complementary

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



BA2232



22BAAA

# 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.



0074BD



BA2232



00775A

# Square

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



BA2232



446C00



007792



4D54C2

# Rectangle

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



BA2232



885600



007792



006ECC



# Sweetspot

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



BA2232



F2B6BC



A822BA



7A565A



FAFAFA



7A7A7A



# Same Dimension

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



BA2232



F2051E



BA5C22



5C5354



9C0010



1C0003



# Inverse Universe

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



BA2232



F2051E



2280BA



5C5354



9C0010



1C0003



# Previews

## White Background



This preview shows how the Hex color BA2232 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 BA2232 Background



This preview shows how black text looks on a background with the Hex color BA2232.



This preview shows how white text looks on a background with the Hex color BA2232.

# 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**  
BA2232

**Protanopia**  
696247

**Deuteranopia**  
795D29



# Trichromacy



**Original Color**  
BA2232

**Protanomaly**  
864B3F

**Deuteranomaly**  
91482C

**Tritanomaly**  
BA2429

# Monochromacy



**Original Color**  
BA2232

**Achromatopsia**  
515151

**Achromatomaly**  
774046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA2232 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 #BA2232 looks like.

```
.text, #text, p{  
    color:#BA2232  
}
```

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 #BA2232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA2232
}
```

## Border

The CSS property to change the border of an element to Hex BA2232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

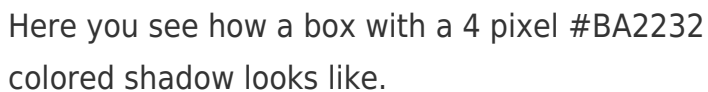
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA2232 }
```

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

```
.border{ border-color:#BA2232 }
```

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



Here you see how a box with a 4 pixel #BA2232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA2232; -webkit-box-shadow:4px 4px  
4px 4px #BA2232; box-shadow:4px 4px 4px  
4px #BA2232 }
```

# Background

The CSS property to change the background color of an element to Hex BA2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA2232 }
```

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

```
.background{ background-color:#BA2232 }
```

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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