

# Converting Colors

Hex(8B2348)

Have a look what the booklet for  
Hex(8B2348) contains.

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**Color**

**Hex(8B2348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B2348
RGB	139, 35, 72
RGB Percent	55%, 14%, 28%
CMY	0.4549, 0.8627, 0.7176
CMYK	0.00, 0.75, 0.48, 0.45
HSL	339°, 60%, 34%
HSV	339°, 75%, 55%
XYZ	12.4182, 7.1589, 6.8582
YIQ	70.3140, 50.1070, 33.5550

# Conversions

## Conversions Part 2

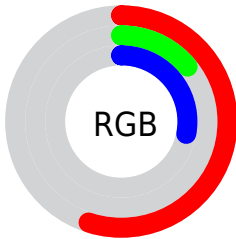
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 35, 72
Decimal	9118536
CIE <sub>Lab</sub>	32.17, 46.10, 3.47
CIE <sub>LCh</sub>	32, 46.232, 4.303
Yxy	7.1589, 0.4698, 0.2708
Android (android.graphics.Color)	4287308616 (0xFF8B2348)
YUV	70.3140, 0.8312, 60.2376
Hunter-Lab	26.7561, 36.0231, 3.5320

# Details

The Hex color **8B2348** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **238B66**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C55978**, and **54001D** is the 20% darker color. If you saturate the color by 10%, you get **8B153F**, and if you desaturate by 10%, it is **8B3151**.

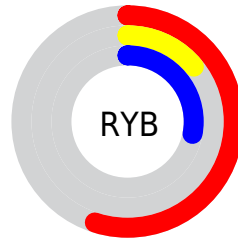
# Distribution



Red (55%)

Green (14%)

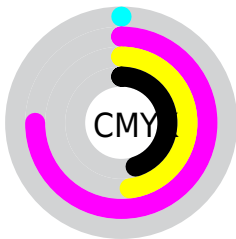
Blue (28%)



Red (55%)

Yellow (14%)

Blue (28%)

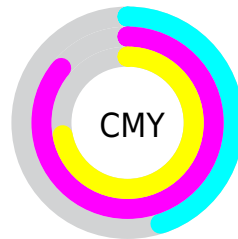


Cyan (0%)

Magenta (75%)

Yellow (48%)

Black (45%)



Cyan (45%)

Magenta (86%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B2348 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 8B2348 by changing the saturation by 10% instead.



 8B2348

 8B2348

FFFFFF

 6F0032

 C55978

 54001D

 E27392

 3B0002

 FF8EAC

 190001

 FFAAC8

 000000

 FFC6E4

 FFE3FF

 8B2348

 8B2348

 8B153F

 8B3151

 8B0736

 8B3F5A

 8B0031

 8B4D63

 8B5B6C

 8B6975

 8B767E

 8B8487

 8B9290

 8BA099

# Harmonies

## Analogous

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



7B2D6C



8B2348



872D25

# Triad

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



8B2348



315503



00588D

# Complementary

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



8B2348



238B66

# 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.



005B74



8B2348



005A2A

# Square

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



8B2348



574C00



005C50



004E95

# Rectangle

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



8B2348



7C380E



005C50



005986



# Sweetspot

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



8B2348



B58D9B



65238B



5C444C



DBDBDB



5C5C5C



# Same Dimension

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



8B2348



B5124C



8B3123



453E40



85002F



050002



# Inverse Universe

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



8B2348



B5124C



237D8B



453E40



85002F

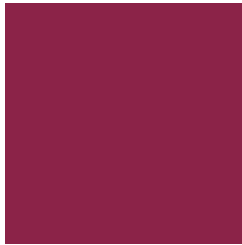


050002



# Previews

## White Background



This preview shows how the Hex color 8B2348 looks on a white background.

## Color Contrast Check

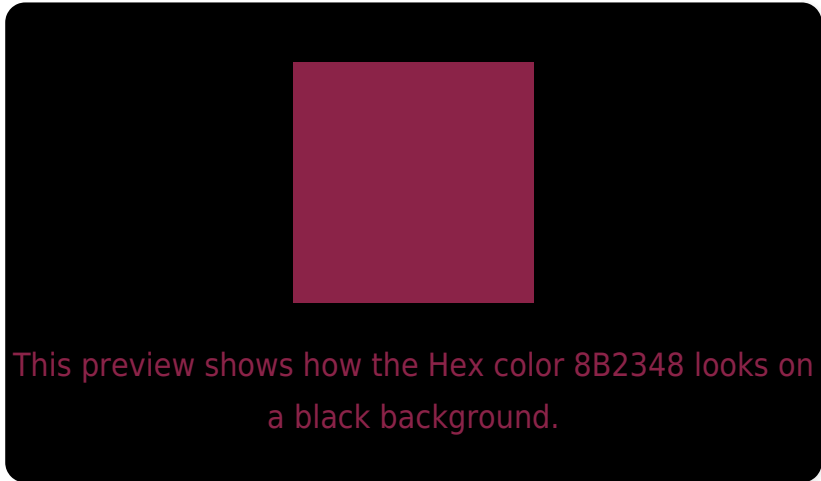
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 8B2348 Background



This preview shows how black text looks on a background with the Hex color 8B2348.

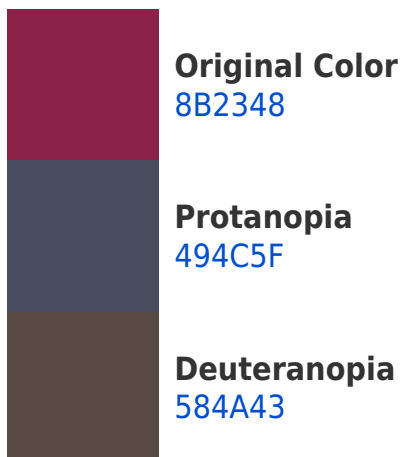


This preview shows how white text looks on a background with the Hex color 8B2348.

# 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**  
892A2C

# Trichromacy



**Original Color**  
8B2348

**Protanomaly**  
613D57

**Deuteranomaly**  
6B3C45

**Tritanomaly**  
8A2736

# Monochromacy



**Original Color**  
8B2348

**Achromatopsia**  
464646

**Achromatomaly**  
5F3947

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B2348 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 #8B2348 looks like.

```
.text, #text, p{  
    color:#8B2348  
}
```

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 #8B2348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B2348
}
```

## Border

The CSS property to change the border of an element to Hex 8B2348 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
#8B2348 }
```

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

```
.border{ border-color:#8B2348 }
```

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

Here you see how a box with a 4 pixel #8B2348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B2348; -webkit-box-shadow:4px 4px  
4px 4px #8B2348; box-shadow:4px 4px 4px  
4px #8B2348 }
```

# Background

The CSS property to change the background color of an element to Hex 8B2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B2348 }
```

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

```
.background{ background-color:#8B2348 }
```

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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