

# Converting Colors

Hex(8B3356)

Have a look what the booklet for  
Hex(8B3356) contains.

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**Color**

**Hex(8B3356)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B3356
RGB	139, 51, 86
RGB Percent	55%, 20%, 34%
CMY	0.4549, 0.8000, 0.6627
CMYK	0.00, 0.63, 0.38, 0.45
HSL	336°, 46%, 37%
HSV	336°, 63%, 55%
XYZ	13.5110, 8.5285, 9.7382
YIQ	81.3020, 41.2130, 29.5410

# Conversions

## Conversions Part 2

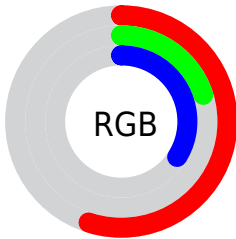
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 51, 86
Decimal	9122646
CIE <sub>Lab</sub>	35.06, 40.86, -1.41
CIE <sub>LCh</sub>	35, 40.885, 358.029
Yxy	8.5285, 0.4252, 0.2684
Android (android.graphics.Color)	4287312726 (0xFF8B3356)
YUV	81.3020, 2.3161, 50.6011
Hunter-Lab	29.2036, 31.4764, 0.6718

# Details

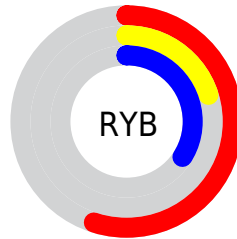
The Hex color **8B3356** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **338B68**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **C36688**, and **550029** is the 20% darker color. If you saturate the color by 10%, you get **8B254E**, and if you desaturate by 10%, it is **8B415E**.

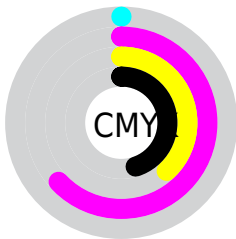
# Distribution



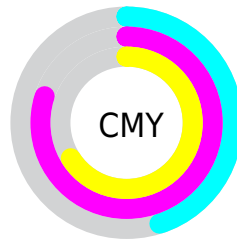
- Red (55%)
- Green (20%)
- Blue (34%)



- Red (55%)
- Yellow (20%)
- Blue (34%)



- Cyan (0%)
- Magenta (63%)
- Yellow (38%)
- Black (45%)



- Cyan (45%)
- Magenta (80%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B3356 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 8B3356 by changing the saturation by 10% instead.



 8B3356

 8B3356

FFFFFF

 70183F

 C36688

 550029

 E081A2

 3B0015

 FE9CBD

 210001

 FFB7D9

 000000

 FFD3F5

 FFF0FF

 8B3356

 8B3356

 8B254E

 8B415E

 8B1745

 8B4F67

 8B093D

 8B5D6F

 8B0037

 8B6B77

 8B7980

 8B8688

 8B9491

 8BA299

 8BB0A1

# Harmonies

## Analogous

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



783C75



8B3356



8C3736

# Triad

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



8B3356



455912



005E89

# Complementary

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



8B3356



338B68

# 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.



006270



8B3356



125F2E

# Square

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



8B3356



655008



00624F



005794

# Rectangle

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



8B3356



843F23



00624F



006082



# Sweetspot

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



8B3356



B593A0



68338B



5C474F



DBDBDB



5C5C5C



# Same Dimension

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



8B3356



B52B62



8B3C33



453E41



850035



050002



# Inverse Universe

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



8B3356



B52B62



33828B



453E41



850035

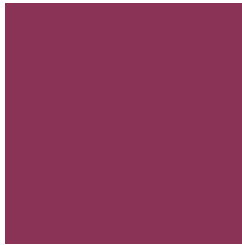


050002



# Previews

## White Background



This preview shows how the Hex color 8B3356 looks on a white background.

## Color Contrast Check

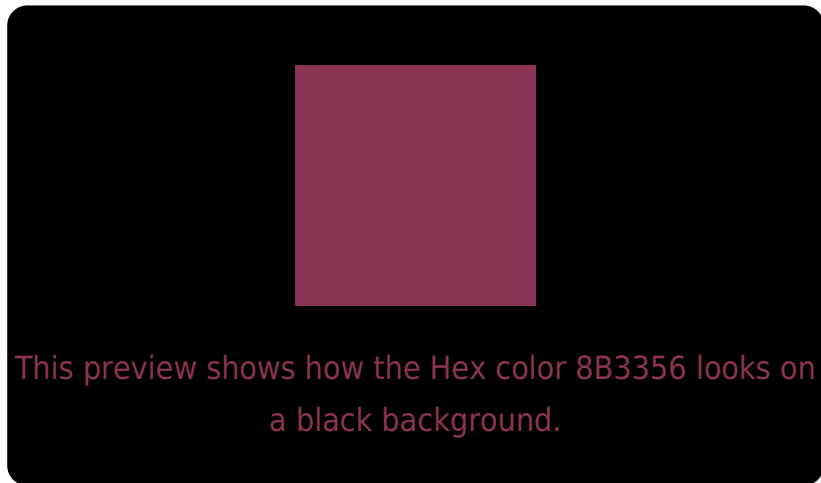
Large Text (above 18pt) WCAG AA ✓ Pass

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

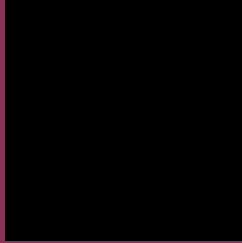
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B3356 Background



This preview shows how black text looks on a background with the Hex color 8B3356.



This preview shows how white text looks on a background with the Hex color 8B3356.

# 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**  
8B3356

**Protanopia**  
4E526A

**Deuteranopia**  
5C5152



**Tritanopia**  
89393C

# Trichromacy



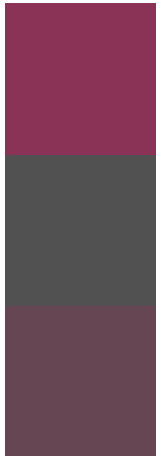
**Original Color**  
8B3356

**Protanomaly**  
644763

**Deuteranomaly**  
6D4653

**Tritanomaly**  
8A3745

# Monochromacy



**Original Color**  
8B3356

**Achromatopsia**  
515151

**Achromatomaly**  
664653

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B3356 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 #8B3356 looks like.

```
.text, #text, p{  
    color:#8B3356  
}
```

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 #8B3356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B3356
}
```

## Border

The CSS property to change the border of an element to Hex 8B3356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

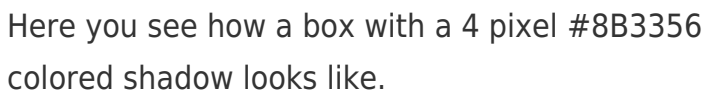
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B3356 }
```

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

```
.border{ border-color:#8B3356 }
```

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



Here you see how a box with a 4 pixel #8B3356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B3356; -webkit-box-shadow:4px 4px  
4px 4px #8B3356; box-shadow:4px 4px 4px  
4px #8B3356 }
```

# Background

The CSS property to change the background color of an element to Hex 8B3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B3356 }
```

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

```
.background{ background-color:#8B3356 }
```

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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