

# Converting Colors

Hex(8B3582)

Have a look what the booklet for  
Hex(8B3582) contains.

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# Color

**Hex(8B3582)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B3582
RGB	139, 53, 130
RGB Percent	55%, 21%, 51%
CMY	0.4549, 0.7922, 0.4902
CMYK	0.00, 0.62, 0.06, 0.45
HSL	306°, 45%, 38%
HSV	306°, 62%, 55%
XYZ	15.9498, 9.6469, 22.1405
YIQ	87.4920, 26.5390, 42.1790

# Conversions

## Conversions Part 2

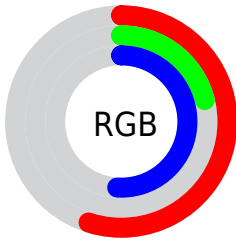
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 53, 130
Decimal	9123202
CIE <sub>Lab</sub>	37.20, 46.47, -25.88
CIE <sub>LCh</sub>	37, 53.195, 330.885
Yxy	9.6469, 0.3341, 0.2021
Android (android.graphics.Color)	4287313282 (0xFF8B3582)
YUV	87.4920, 20.9564, 45.1725
Hunter-Lab	31.0594, 37.3104, -20.5228

# Details

The Hex color **8B3582** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **358B3E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **C369B7**, and **560050** is the 20% darker color. If you saturate the color by 10%, you get **8B2781**, and if you desaturate by 10%, it is **8B4383**.

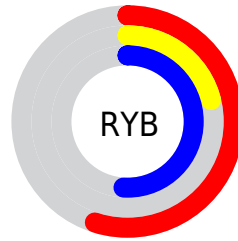
# Distribution



Red (55%)

Green (21%)

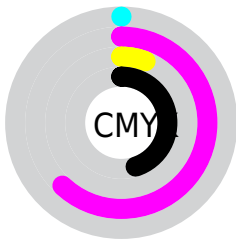
Blue (51%)



Red (55%)

Yellow (21%)

Blue (51%)

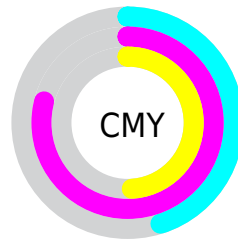


Cyan (0%)

Magenta (62%)

Yellow (6%)

Black (45%)



Cyan (45%)

Magenta (79%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B3582 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 8B3582 by changing the saturation by 10% instead.



 8B3582

 8B3582

FFFFFF

 701969

 C369B7

 560050

 DF84D3

 3C0039

 FD9FEF

 260023

 FFBBFF

 000009

 FFD7FF

 000000

 FFF4FF

 8B3582

 8B3582

 8B2781

 8B4383

 8B197F

 8B5185

 8B0B7E

 8B5F86

 8B007C

 8B6D88

 8B7B89

 8B888B

 8B968C

 8BA48E

 8BB28F

# Harmonies

## Analogous

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



564BA2



8B3582



A12658

# Triad

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



8B3582



695600



006A83

# Complementary

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



8B3582



358B3E

# 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.



006A58



8B3582



3E6100

# Square

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



8B3582



8A4502



00682B



0066A2

# Rectangle

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



8B3582



A22A3C



00682B



006B75



# Sweetspot

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



8B3582



B593B1



3E358B



5C475A



DBDBDB



5C5C5C



# Same Dimension

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



8B3582



B52FA7



8B3557



453E44



850077



050005



# Inverse Universe

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



8B3582



B52FA7



358B69



453E44



850077



050005



# Previews

## White Background



This preview shows how the Hex color 8B3582 looks on a white background.

## Color Contrast Check

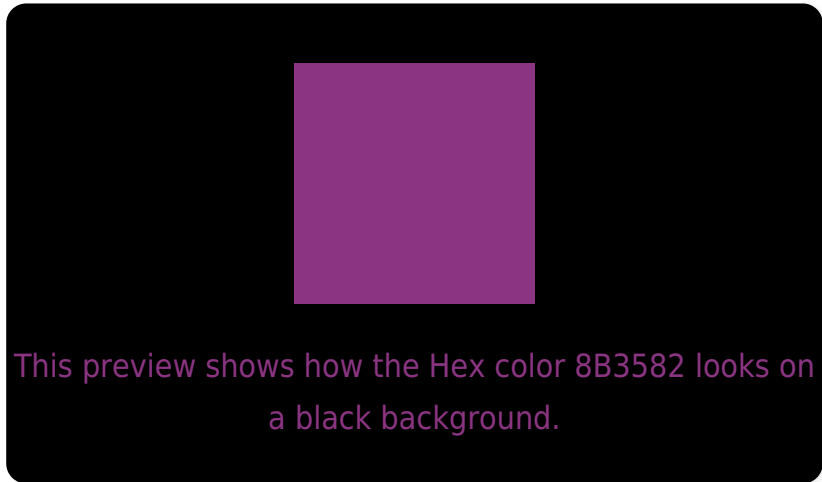
Large Text (above 18pt) WCAG AA ✓ Pass

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

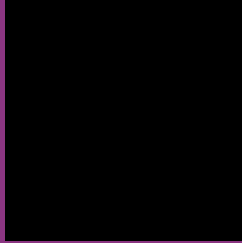
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B3582 Background



This preview shows how black text looks on a background with the Hex color 8B3582.




This preview shows how white text looks on a background with the Hex color 8B3582.

# 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**  
85454A

# Trichromacy



**Original Color**  
8B3582



**Protanomaly**  
544A94



**Deuteranomaly**  
624B7E

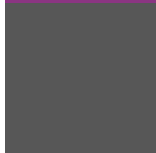


**Tritanomaly**  
873F5E

# Monochromacy



**Original Color**  
8B3582



**Achromatopsia**  
575757



**Achromatomaly**  
6A4B67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B3582 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 #8B3582 looks like.

```
.text, #text, p{  
    color:#8B3582  
}
```

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 #8B3582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B3582
}
```

## Border

The CSS property to change the border of an element to Hex 8B3582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

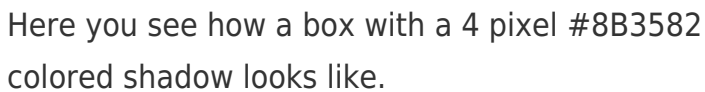
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B3582 }
```

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

```
.border{ border-color:#8B3582 }
```

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



Here you see how a box with a 4 pixel #8B3582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B3582; -webkit-box-shadow:4px 4px  
4px 4px #8B3582; box-shadow:4px 4px 4px  
4px #8B3582 }
```

# Background

The CSS property to change the background color of an element to Hex 8B3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B3582 }
```

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

```
.background{ background-color:#8B3582 }
```

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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