

# Converting Colors

Hex(8B53A6)

Have a look what the booklet for  
Hex(8B53A6) contains.

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# Color

**Hex(8B53A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B53A6
RGB	139, 83, 166
RGB Percent	55%, 33%, 65%
CMY	0.4549, 0.6745, 0.3490
CMYK	0.16, 0.50, 0.00, 0.35
HSL	280°, 33%, 49%
HSV	280°, 50%, 65%
XYZ	20.6237, 14.4287, 37.7744
YIQ	109.2060, 6.7330, 37.6850

# Conversions

## Conversions Part 2

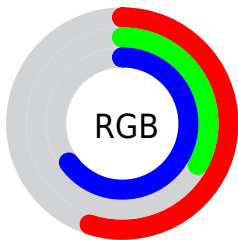
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 83, 166
Decimal	9130918
CIE <sub>Lab</sub>	44.84, 38.21, -35.63
CIE <sub>LCh</sub>	45, 52.244, 316.996
Yxy	14.4287, 0.2832, 0.1981
Android (android.graphics.Color)	4287320998 (0xFF8B53A6)
YUV	109.2060, 27.9994, 26.1293
Hunter-Lab	37.9851, 30.4411, -32.3716

# Details

The Hex color **8B53A6** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6EA653**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C286DD**, and **572272** is the 20% darker color. If you saturate the color by 10%, you get **8642A6**, and if you desaturate by 10%, it is **9064A6**.

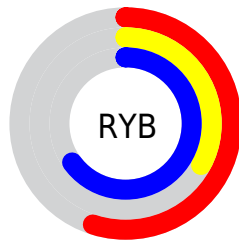
# Distribution



Red (55%)

Green (33%)

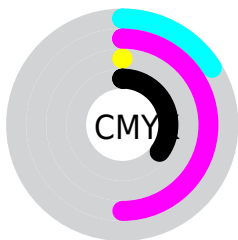
Blue (65%)



Red (55%)

Yellow (33%)

Blue (65%)

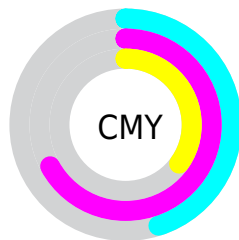


Cyan (16%)

Magenta (50%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (67%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B53A6 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 8B53A6 by changing the saturation by 10% instead.



8B53A6

8B53A6

FFFFFF

703A8B

C286DD

572272

DFA1FA

3D0859

FCBCFF

250041

FFD9FF

06002A

FFF5FF

000114

000000

8B53A6

8B53A6

8642A6

9064A6

8032A6

9674A6

7B21A6

9B85A6

7511A6

A195A6

7000A6

A6A6A6

ABB7A6

B1C7A6

B6D8A6

BCE8A6

# Harmonies

## Analogous

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



4166BE



8B53A6



AF417F

# Triad

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



8B53A6



8F6106



007E82

# Complementary

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



8B53A6



6EA653

# 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.



007D55



8B53A6



687003

# Square

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



8B53A6



AB4F2B



33792A



007CA9

# Rectangle

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



8B53A6



B83E62



33792A



007E73



# Sweetspot

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



8B53A6



CEB8D9



536FA6



675A6E



EDEDED



6E6E6E



# Same Dimension

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



8B53A6



AE57D9



A65398



514C54



640094



0E0014



# Inverse Universe

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



A6536E



D95781



53A661



544C4E



940030

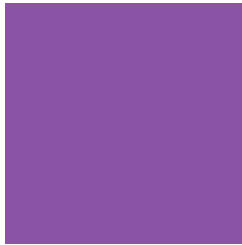


140007



# Previews

## White Background



This preview shows how the Hex color 8B53A6 looks on a white background.

## Color Contrast Check

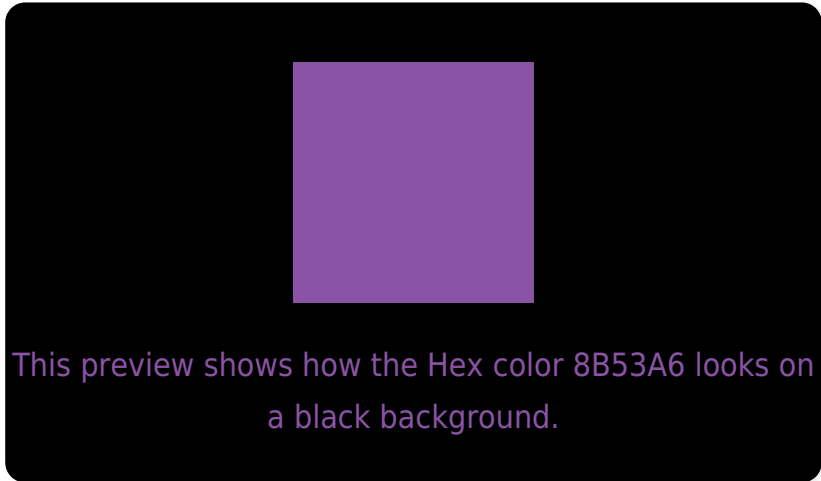
Large Text (above 18pt) WCAG AA ✓ Pass

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

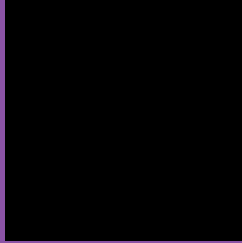
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B53A6 Background



This preview shows how black text looks on a background with the Hex color 8B53A6.



This preview shows how white text looks on a background with the Hex color 8B53A6.

# 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**  
826269

# Trichromacy



**Original Color**  
8B53A6



**Protanomaly**  
5F60B2



**Deuteranomaly**  
6562A3



**Tritanomaly**  
855D7F

# Monochromacy



**Original Color**  
8B53A6



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
786482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B53A6 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 #8B53A6 looks like.

```
.text, #text, p{  
    color:#8B53A6  
}
```

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 #8B53A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B53A6
}
```

## Border

The CSS property to change the border of an element to Hex 8B53A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

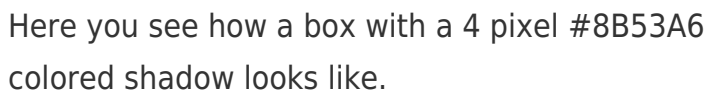
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B53A6 }
```

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

```
.border{ border-color:#8B53A6 }
```

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



Here you see how a box with a 4 pixel #8B53A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B53A6; -webkit-box-shadow:4px 4px  
4px 4px #8B53A6; box-shadow:4px 4px 4px  
4px #8B53A6 }
```

# Background

The CSS property to change the background color of an element to Hex 8B53A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B53A6 }
```

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

```
.background{ background-color:#8B53A6 }
```

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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