

# Converting Colors

Hex(8954B5)

Have a look what the booklet for  
Hex(8954B5) contains.

<b>Hex(8954B5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8954B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8954B5
RGB	137, 84, 181
RGB Percent	54%, 33%, 71%
CMY	0.4627, 0.6706, 0.2902
CMYK	0.24, 0.54, 0.00, 0.29
HSL	273°, 40%, 52%
HSV	273°, 54%, 71%
XYZ	21.8273, 14.9952, 45.4600
YIQ	110.9050, 0.4510, 41.4030

# Conversions

## Conversions Part 2

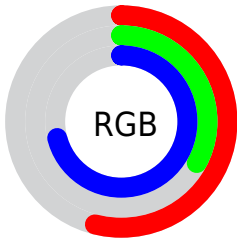
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 84, 181
Decimal	9000117
CIE <sub>Lab</sub>	45.63, 40.55, -43.23
CIE <sub>LCh</sub>	46, 59.272, 313.173
Yxy	14.9952, 0.2653, 0.1822
Android (android.graphics.Color)	4287190197 (0xFF8954B5)
YUV	110.9050, 34.5568, 22.8853
Hunter-Lab	38.7236, 32.8486, -42.4975

# Details

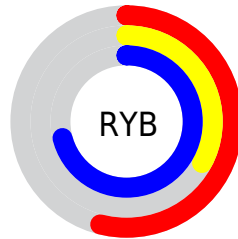
The Hex color **8954B5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **80B554**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **C187ED**, and **54237F** is the 20% darker color. If you saturate the color by 10%, you get **8142B5**, and if you desaturate by 10%, it is **9166B5**.

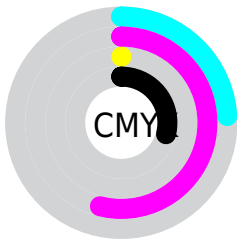
# Distribution



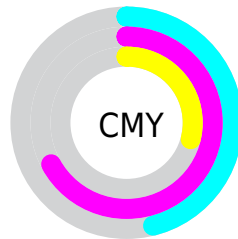
- Red (54%)
- Green (33%)
- Blue (71%)



- Red (54%)
- Yellow (33%)
- Blue (71%)



- Cyan (24%)
- Magenta (54%)
- Yellow (0%)
- Black (29%)



- Cyan (46%)
- Magenta (67%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8954B5 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 8954B5 by changing the saturation by 10% instead.



 8954B5

 8954B5

FFFFFF

 6E3B9A

 C187ED

 54237F

 DDA2FF

 3A0866

 FABEFF

 1F004D

 FFDAFF

 000036

 FFF7FF

 00021F

 000003

 000000

 8954B5

 8954B5

8142B5

9166B5

7930B5

9978B5

701EB5

A28AB5

680CB5

AA9CB5

6300B5

B2AFB5

BAC1B5

C2D3B5

CBE5B5

D3F7B5

# Harmonies

## Analogous

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



136BCD



8954B5



B63C8A

# Triad

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



8954B5



995F00



008281

# Complementary

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



8954B5



80B554

# 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.



00814D



8954B5



6E7100

# Square

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



8954B5



B7492A



337B1A



0081AF

# Rectangle

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



8954B5



C23569



337B1A



008270



# Sweetspot

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



8954B5



DAC5EB



5481B5



6B5F75



F5F5F5



757575



# Same Dimension

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



8954B5



A654EB



B554B2



555059



540099



0E001A



# Inverse Universe

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



B55480



EB5499



54B557



595054



990045



1A000C



# Previews

## White Background



This preview shows how the Hex color 8954B5 looks on a white background.

## Color Contrast Check

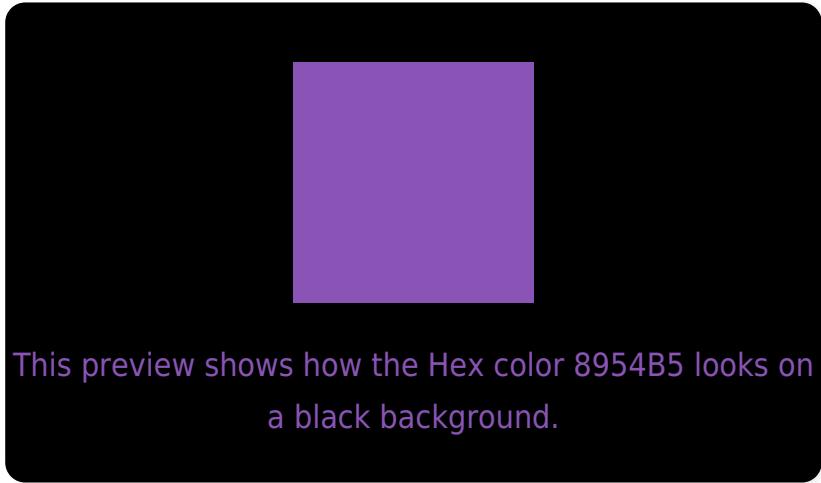
Large Text (above 18pt) WCAG AA ✓ Pass

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

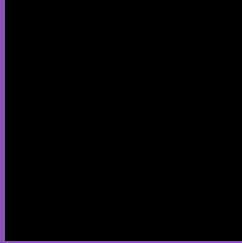
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8954B5 Background



This preview shows how black text looks on a background with the Hex color 8954B5.

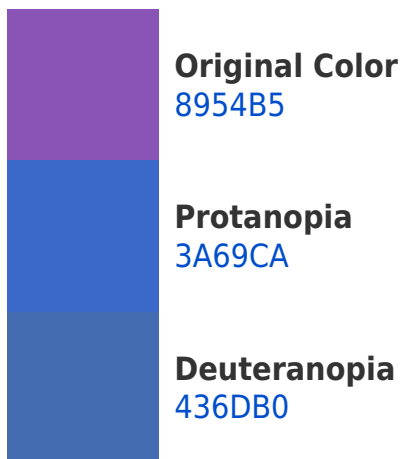


This preview shows how white text looks on a background with the Hex color 8954B5.

# 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**  
7D666E

# Trichromacy



**Original Color**  
8954B5

**Protanomaly**  
5761C2

**Deuteranomaly**  
5C64B2

**Tritanomaly**  
815F88

# Monochromacy



**Original Color**  
8954B5

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
786588

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8954B5 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 #8954B5 looks like.

```
.text, #text, p{  
    color:#8954B5  
}
```

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 #8954B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8954B5
}
```

## Border

The CSS property to change the border of an element to Hex 8954B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

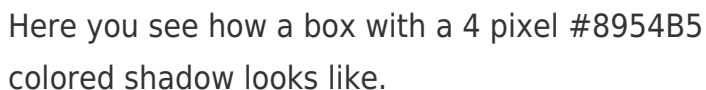
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8954B5 }
```

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

```
.border{ border-color:#8954B5 }
```

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



Here you see how a box with a 4 pixel #8954B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8954B5; -webkit-box-shadow:4px 4px  
4px 4px #8954B5; box-shadow:4px 4px 4px  
4px #8954B5 }
```

# Background

The CSS property to change the background color of an element to Hex 8954B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8954B5 }
```

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

```
.background{ background-color:#8954B5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor