

# Converting Colors

Hex(8356A7)

Have a look what the booklet for  
Hex(8356A7) contains.

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# Color

**Hex(8356A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8356A7
RGB	131, 86, 167
RGB Percent	51%, 34%, 65%
CMY	0.4863, 0.6627, 0.3451
CMYK	0.22, 0.49, 0.00, 0.35
HSL	273°, 32%, 50%
HSV	273°, 49%, 65%
XYZ	19.6629, 14.2709, 38.2774
YIQ	108.6890, 0.8190, 34.7310

# Conversions

## Conversions Part 2

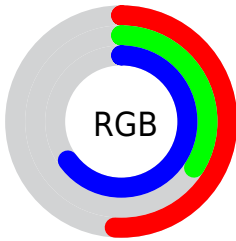
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 86, 167
Decimal	8607399
CIE <sub>Lab</sub>	44.62, 34.43, -36.64
CIE <sub>LCh</sub>	45, 50.274, 313.218
Yxy	14.2709, 0.2723, 0.1976
Android (android.graphics.Color)	4286797479 (0xFF8356A7)
YUV	108.6890, 28.7473, 19.5667
Hunter-Lab	37.7768, 26.8001, -33.6319

# Details

The Hex color **8356A7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7AA756**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BA89DF**, and **4F2672** is the 20% darker color. If you saturate the color by 10%, you get **7C45A7**, and if you desaturate by 10%, it is **8A67A7**.

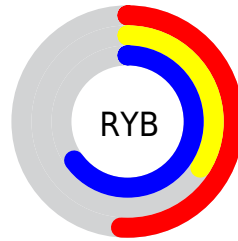
# Distribution



Red (51%)

Green (34%)

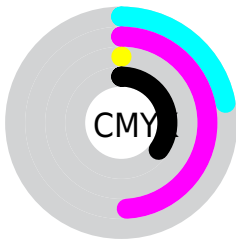
Blue (65%)



Red (51%)

Yellow (34%)

Blue (65%)

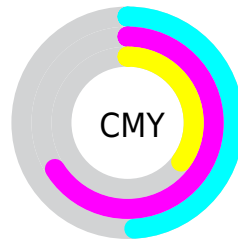


Cyan (22%)

Magenta (49%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (66%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8356A7 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 8356A7 by changing the saturation by 10% instead.



8356A7

8356A7

FFFFFF

693E8C

BA89DF

4F2672

D6A4FB

360F5A

F3BFFF

1E0042

FFDBFF

00002B

FFF8FF

000115

000000

8356A7

8356A7

7C45A7

8A67A7

7435A7

9277A7

6D24A7

9988A7

6513A7

A199A7

5E02A7

A8AAA7

5D00A7

B0BAA7

B7CBA7

BEDCA7

C6ECA7

# Harmonies

## Analogous

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



3568BB



8356A7



A94583

# Triad

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



8356A7



925F11



007D7B

# Complementary

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



8356A7



7AA756

# 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.



007C50



8356A7



6D6D07

# Square

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



8356A7



AB4D32



3D7728



007BA2

# Rectangle

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



8356A7



B44067



3D7728



007D6D



# Sweetspot

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



8356A7



CAB8D9



567AA7



655A6E



EDEDED



6E6E6E



# Same Dimension

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



8356A7



A15BD9



A756A3



504C54



520094



0B0014



# Inverse Universe

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



A7567A



D95B93



56A75A



544C4F



940042

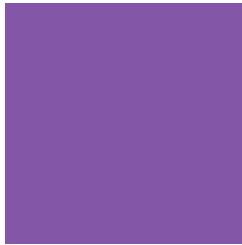


140009



# Previews

## White Background



This preview shows how the Hex color 8356A7 looks on a white background.

## Color Contrast Check

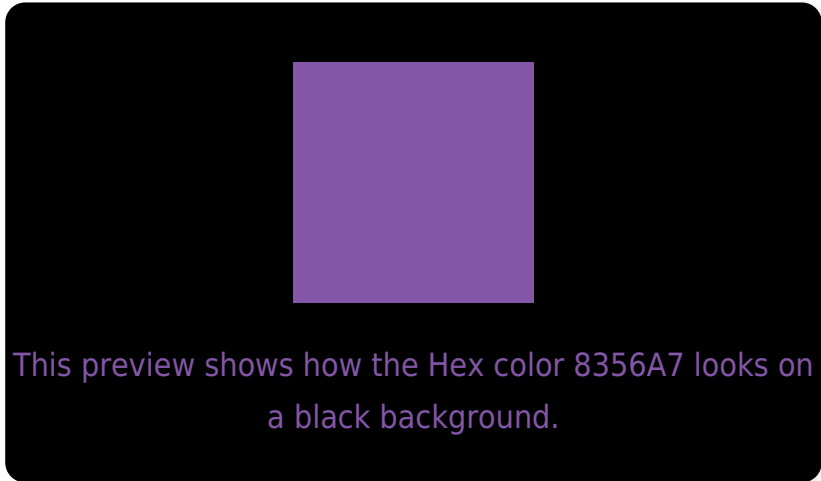
Large Text (above 18pt) WCAG AA ✓ Pass

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

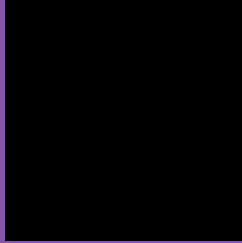
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8356A7 Background



This preview shows how black text looks on a background with the Hex color 8356A7.

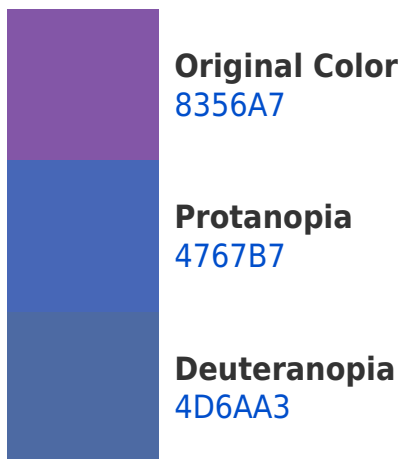



This preview shows how white text looks on a background with the Hex color 8356A7.

# 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](#).

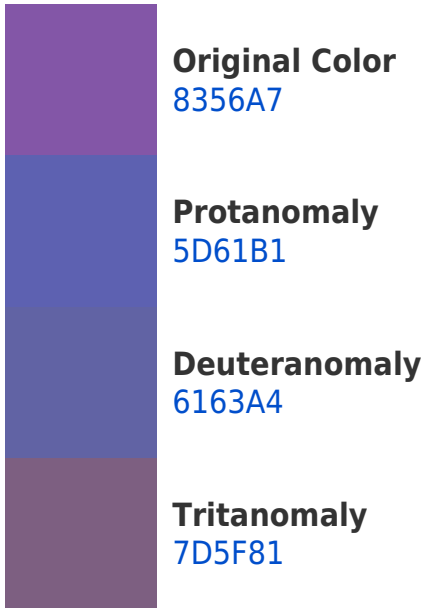
## Dichromacy



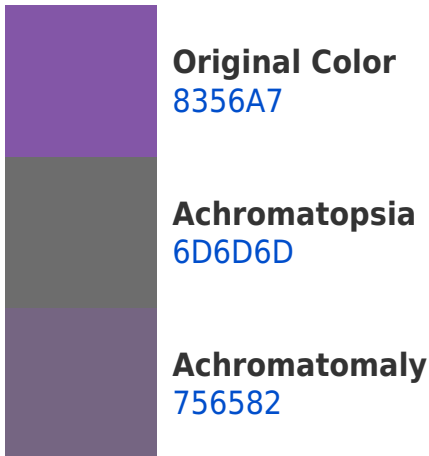


**Tritanopia**  
79646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8356A7 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 #8356A7 looks like.

```
.text, #text, p{  
    color:#8356A7  
}
```

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 #8356A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8356A7
}
```

## Border

The CSS property to change the border of an element to Hex 8356A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

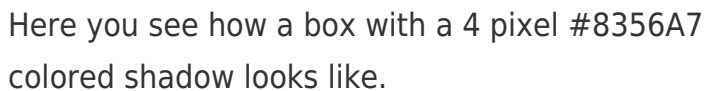
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8356A7 }
```

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

```
.border{ border-color:#8356A7 }
```

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



Here you see how a box with a 4 pixel #8356A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8356A7; -webkit-box-shadow:4px 4px  
4px 4px #8356A7; box-shadow:4px 4px 4px  
4px #8356A7 }
```

# Background

The CSS property to change the background color of an element to Hex 8356A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8356A7 }
```

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

```
.background{ background-color:#8356A7 }
```

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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