

Converting Colors

Hex(8A56AC)

Have a look what the booklet for
Hex(8A56AC) contains.

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Color

Hex(8A56AC)

Conversions

Conversions Part 1

Format	Color
Hex	8A56AC
RGB	138, 86, 172
RGB Percent	54%, 34%, 67%
CMY	0.4588, 0.6627, 0.3255
CMYK	0.20, 0.50, 0.00, 0.33
HSL	276°, 34%, 51%
HSV	276°, 50%, 67%
XYZ	21.2554, 15.0374, 40.8120
YIQ	111.3520, 3.3860, 37.7700

Conversions

Conversions Part 2

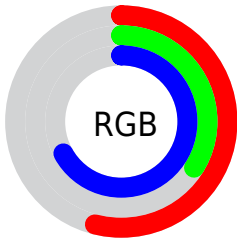
Format	Color
R_{YB}	138, 86, 172
Decimal	9066156
CIE _{Lab}	45.69, 37.61, -37.85
CIE _{LCh}	46, 53.355, 314.816
Yxy	15.0374, 0.2757, 0.1950
Android (android.graphics.Color)	4287256236 (0xFF8A56AC)
YUV	111.3520, 29.8995, 23.3703
Hunter-Lab	38.7781, 29.9794, -35.2550

Details

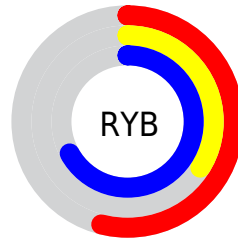
The Hex color **8A56AC** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **78AC56**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **C189E4**, and **552577** is the 20% darker color. If you saturate the color by 10%, you get **8345AC**, and if you desaturate by 10%, it is **9167AC**.

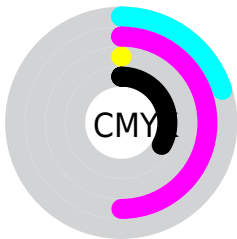
Distribution



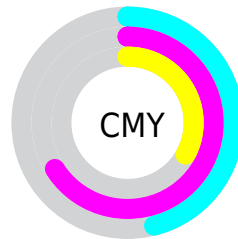
- Red (54%)
- Green (34%)
- Blue (67%)



- Red (54%)
- Yellow (34%)
- Blue (67%)



- Cyan (20%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A56AC 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 8A56AC by changing the saturation by 10% instead.

8A56AC

8A56AC

FFFFFF

6F3E91

C189E4

552577

DEA4FF

3C0C5E

FBC0FF

230046

FFDCFF

06002F

FFF8FF

000119

000000

8A56AC

8A56AC

8345AC

9167AC

 7C34AC

 9878AC

 7622AC

 9E8AAC

 6F11AC

 A59BAC

 6800AC

 ACACAC

 B3BDAC

 BACEAC

 C0E0AC

 C7F1AC

Harmonies

Analogous

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



386AC3



8A56AC



B14385

Triad

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



8A56AC



946208



008182

Complementary

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



8A56AC



78AC56

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.



007F53



8A56AC



6D7100

Square

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



8A56AC



B14F2F



387A27



007FAA

Rectangle

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



8A56AC



BB3E67



387A27



008172

Sweetspot

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



8A56AC



D3BFE0



5678AC



685C70



F0F0F0



707070

Same Dimension

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



8A56AC



AB5AE0



AC56A3



534E57



5B0096



0E0017

Inverse Universe

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



AC5678



E05A8F



56AC5F



574E51



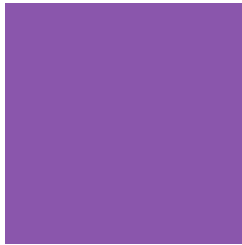
96003B



170009

Previews

White Background



This preview shows how the Hex color 8A56AC looks on a white background.

Color Contrast Check

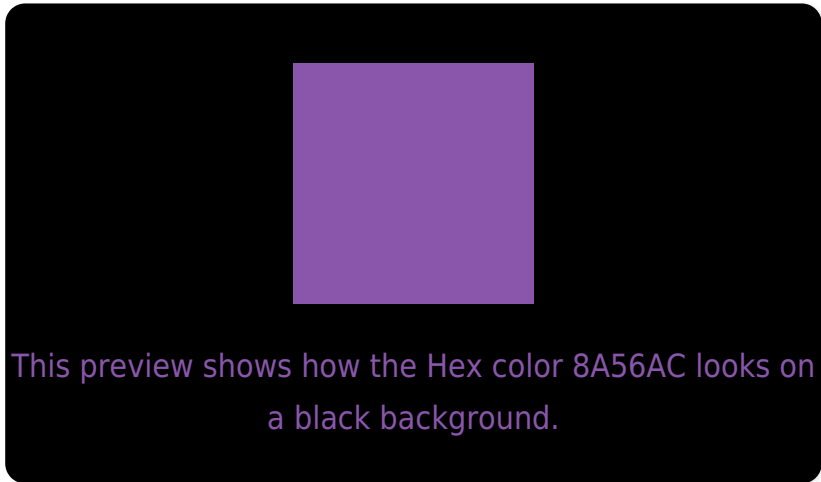
Large Text (above 18pt) WCAG AA ✓ Pass

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

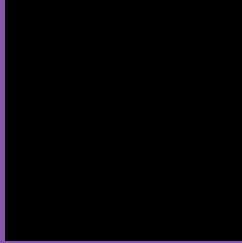
Any Text WCAG AA × Fail

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 8A56AC Background



This preview shows how black text looks on a background with the Hex color 8A56AC.

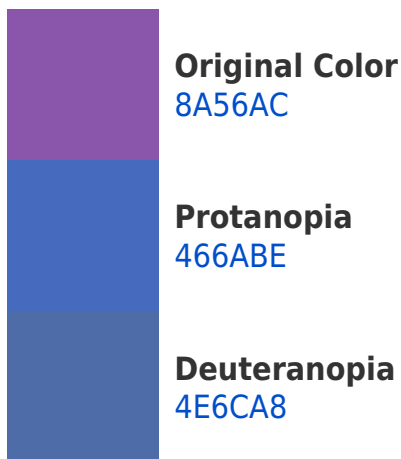



This preview shows how white text looks on a background with the Hex color 8A56AC.

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
80656D

Trichromacy



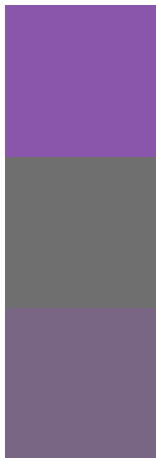
Original Color
8A56AC

Protanomaly
5F63B7

Deuteranomaly
6464A9

Tritanomaly
846084

Monochromacy



Original Color
8A56AC

Achromatopsia
6F6F6F

Achromatomaly
796685

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A56AC 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 #8A56AC looks like.

```
.text, #text, p{  
    color:#8A56AC  
}
```

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 #8A56AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A56AC
}
```

Border

The CSS property to change the border of an element to Hex 8A56AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

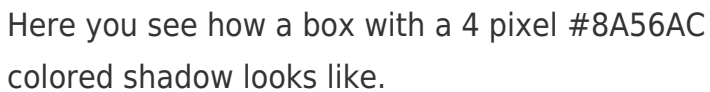
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A56AC }
```

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

```
.border{ border-color:#8A56AC }
```

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



Here you see how a box with a 4 pixel #8A56AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A56AC; -webkit-box-shadow:4px 4px  
4px 4px #8A56AC; box-shadow:4px 4px 4px  
4px #8A56AC }
```

Background

The CSS property to change the background color of an element to Hex 8A56AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A56AC }
```

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

```
.background{ background-color:#8A56AC }
```

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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