

Converting Colors

Hex(8A76AE)

Have a look what the booklet for
Hex(8A76AE) contains.

Hex(8A76AE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8A76AE)

Conversions

Conversions Part 1	
Format	Color
Hex	8A76AE
RGB	138, 118, 174
RGB Percent	54%, 46%, 68%
CMY	0.4588, 0.5373, 0.3176
CMYK	0.21, 0.32, 0.00, 0.32
HSL	261°, 26%, 57%
HSV	261°, 32%, 68%
XYZ	24.5996, 21.4161, 42.8816
YIQ	130.3640, -6.0560, 21.6560

Conversions

Conversions Part 2

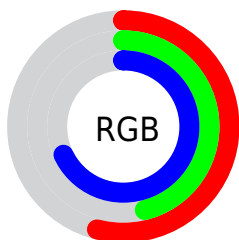
Format	Color
RYB	138, 118, 174
Decimal	9074350
CIELab	53.40, 19.49, -26.94
CIELCh	53, 33.254, 305.888
Yxy	21.4161, 0.2767, 0.2409
Android (android.graphics.Color)	4287264430 (0xFF8A76AE)
YUV	130.3640, 21.5125, 6.6968
Hunter-Lab	46.2776, 13.8990, -22.5448

Details

The Hex color **8A76AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9AAE76**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **C0AAE6**, and **574579** is the 20% darker color. If you saturate the color by 10%, you get **7F65AE**, and if you desaturate by 10%, it is **9587AE**.

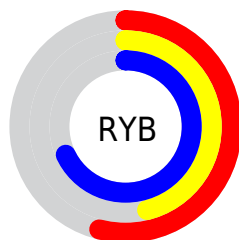
Distribution



Red (54%)

Green (46%)

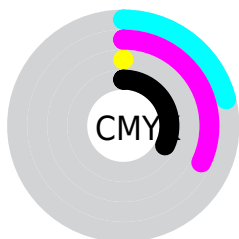
Blue (68%)



Red (54%)

Yellow (46%)

Blue (68%)

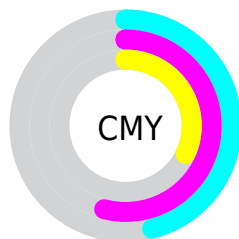


Cyan (21%)

Magenta (32%)

Yellow (0%)

Black (32%)



Cyan (46%)

Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A76AE 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 8A76AE by changing the saturation by 10% instead.

 8A76AE

 8A76AE

FFFFFF

 705D93

 C0AAE6

 574579

 DCC6FF

 3F2F60

 F9E2FF

 271A48

FFFEFF

 130132

 00011C

 000000

 8A76AE

 8A76AE

 7F65AE

 9587AE

 7453AE

 A099AE

 6842AE

 ACAA AE

 5D30AE

 B7BCAE

 521FAE

 C2CDAE

 470EAE

 CDDEAE

 3E00AE

 D8F0AE

 E3FFAE

 EFFF AE

Harmonies

Analogous

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



5E81B8



8A76AE



A86D98

Triad

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



8A76AE



A5764C



178F84

Complementary

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



8A76AE



9AAE76

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.



4A8D67



8A76AE



8C8046

Square

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



8A76AE



B46D5F



6E8850



008DA0

Rectangle

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



8A76AE



B36985



6E8850



2C8E7A

Sweetspot

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



8A76AE



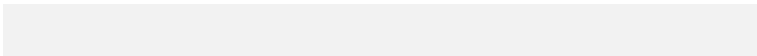
D4CCE3



769AAE



6A6573



F2F2F2



737373

Same Dimension

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



8A76AE



AA8AE3



A676AE



514E57



360096



080017

Inverse Universe

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



AE769A



E38AC3



7EAE76



574E54



960061



17000F

Previews

White Background



This preview shows how the Hex color 8A76AE looks on a white background.

Color Contrast Check

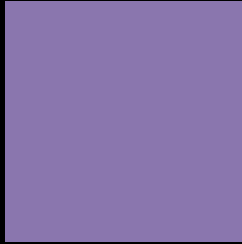
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 8A76AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

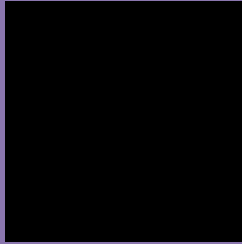
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 8A76AE Background



This preview shows how black text looks on a background with the Hex color 8A76AE.



This preview shows how white text looks on a background with the Hex color 8A76AE.

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



Original Color
8A76AE

Protanopia
6F7EB4

Deuteranopia
737EAC






Tritanopia
837E87

Trichromacy

	Original Color 8A76AE
	Protanomaly 797BB2
	Deuteranomaly 7B7BAD
	Tritanomaly 867B95

Monochromacy

	Original Color 8A76AE
	Achromatopsia 828282
	Achromatomaly 857E92

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A76AE 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 #8A76AE looks like.

```
.text, #text, p{  
    color:#8A76AE  
}
```

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 #8A76AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A76AE
}
```

Border

The CSS property to change the border of an element to Hex 8A76AE 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
#8A76AE }
```

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

```
.border{ border-color:#8A76AE }
```

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

Here you see how a box with a 4 pixel #8A76AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A76AE; -webkit-box-shadow:4px 4px  
4px 4px #8A76AE; box-shadow:4px 4px 4px  
4px #8A76AE }
```

Background

The CSS property to change the background color of an element to Hex 8A76AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A76AE }
```

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

```
.background{ background-color:#8A76AE }
```

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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