

Converting Colors

Hex(9E76A8)

Have a look what the booklet for
Hex(9E76A8) contains.

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Color

Hex(9E76A8)

Conversions

Conversions Part 1

Format	Color
Hex	9E76A8
RGB	158, 118, 168
RGB Percent	62%, 46%, 66%
CMY	0.3804, 0.5373, 0.3412
CMYK	0.06, 0.30, 0.00, 0.34
HSL	288°, 22%, 56%
HSV	288°, 30%, 66%
XYZ	27.6469, 23.0531, 40.0383
YIQ	135.6600, 7.7900, 24.0300

Conversions

Conversions Part 2

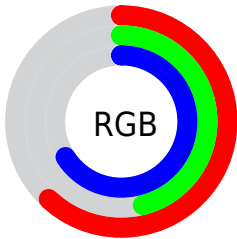
Format	Color
R_{YB}	158, 118, 168
Decimal	10385064
CIE _{Lab}	55.13, 24.71, -20.65
CIE _{LCh}	55, 32.201, 320.107
Yxy	23.0531, 0.3047, 0.2541
Android (android.graphics.Color)	4288575144 (0xFF9E76A8)
YUV	135.6600, 15.9436, 19.5922
Hunter-Lab	48.0137, 18.7586, -15.8320

Details

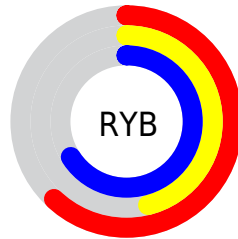
The Hex color **9E76A8** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **80A876**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D5ABDF**, and **6A4574** is the 20% darker color. If you saturate the color by 10%, you get **9B65A8**, and if you desaturate by 10%, it is **A187A8**.

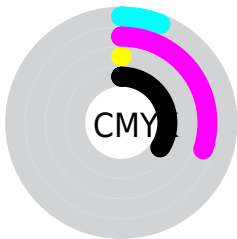
Distribution



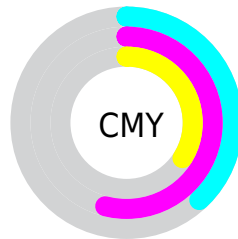
- Red (62%)
- Green (46%)
- Blue (66%)



- Red (62%)
- Yellow (46%)
- Blue (66%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E76A8 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 9E76A8 by changing the saturation by 10% instead.



9E76A8



9E76A8

FFFFFF



845D8D



D5ABDF



6A4574



F2C6FC



512E5B



FFE2FF



391843



23012D



000018



000000



9E76A8



9E76A8



9B65A8



A187A8

9754A8

A598A8

9444A8

A8A8A8

9133A8

ABB9A8

8D22A8

AFCAA8

8A11A8

B2DBA8

8600A8

B6ECA8

B9FCA8

BCFFA8

Harmonies

Analogous

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



7A80B8



9E76A8



B46F8E

Triad

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



9E76A8



9E7F4D



0B9396

Complementary

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



9E76A8



80A876

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.



3E9279



9E76A8



83884F

Square

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



9E76A8



B2765A



638F5F



0E90AE

Rectangle

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



9E76A8



BA6E7B



638F5F



20938D

Sweetspot

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



9E76A8



D7C8DB



7680A8



6B626E



EDEDED



6E6E6E

Same Dimension

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



9E76A8



CC8CDB



A87699



524C54



760094



100014

Inverse Universe

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



A87680



DB8C9C



76A885



544C4D



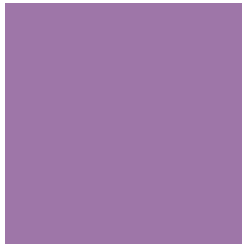
94001E



140004

Previews

White Background



This preview shows how the Hex color 9E76A8 looks on a white background.

Color Contrast Check

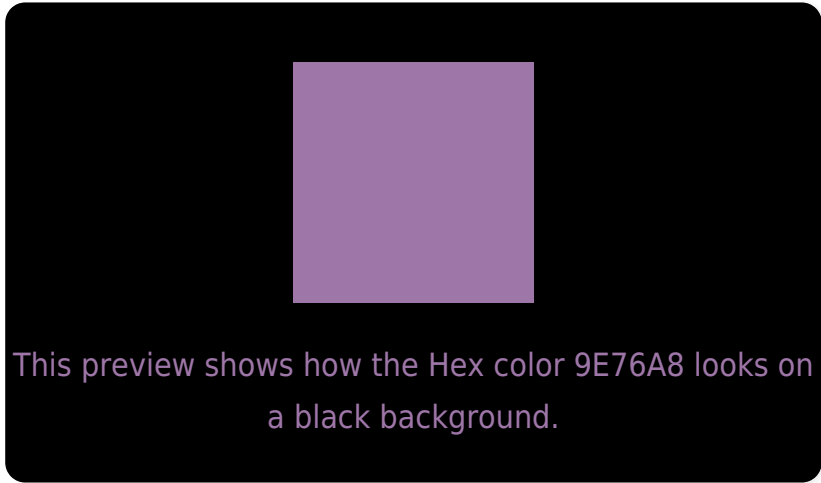
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

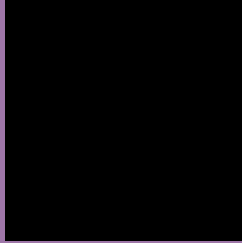
Any Text WCAG AA ✓ Pass

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 9E76A8 Background



This preview shows how black text looks on a background with the Hex color 9E76A8.

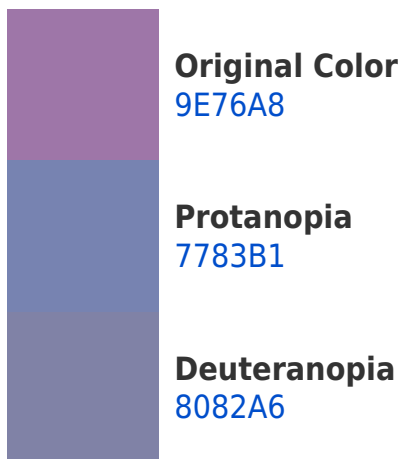



This preview shows how white text looks on a background with the Hex color 9E76A8.

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
997D86

Trichromacy



Original Color
9E76A8

Protanomaly
857EAE

Deuteranomaly
8B7EA7

Tritanomaly
9B7A92

Monochromacy



Original Color
9E76A8

Achromatopsia
888888

Achromatomaly
908194

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E76A8 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 #9E76A8 looks like.

```
.text, #text, p{  
    color:#9E76A8  
}
```

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 #9E76A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E76A8
}
```

Border

The CSS property to change the border of an element to Hex 9E76A8 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
#9E76A8 }
```

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

```
.border{ border-color:#9E76A8 }
```

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

Here you see how a box with a 4 pixel #9E76A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E76A8; -webkit-box-shadow:4px 4px  
4px 4px #9E76A8; box-shadow:4px 4px 4px  
4px #9E76A8 }
```

Background

The CSS property to change the background color of an element to Hex 9E76A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E76A8 }
```

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

```
.background{ background-color:#9E76A8 }
```

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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