

Converting Colors

Hex(956AA6)

Have a look what the booklet for
Hex(956AA6) contains.

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Color

Hex(956AA6)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 956AA6 |
| RGB | 149, 106, 166 |
| RGB Percent | 58%, 42%, 65% |
| CMY | 0.4157, 0.5843, 0.3490 |
| CMYK | 0.10, 0.36, 0.00, 0.35 |
| HSL | 283°, 25%, 53% |
| HSV | 283°, 36%, 65% |
| XYZ | 24.4314, 19.4508, 38.5431 |
| YIQ | 125.6970, 6.3680, 27.7760 |

Conversions

Conversions Part 2

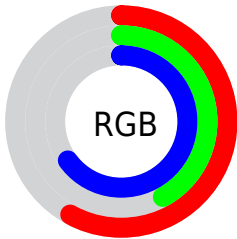
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 149, 106, 166 |
| Decimal | 9792166 |
| CIE _{Lab} | 51.21, 28.21, -25.60 |
| CIE _{LCh} | 51, 38.094, 317.779 |
| Yxy | 19.4508, 0.2964, 0.2360 |
| Android (android.graphics.Color) | 4287982246 (0xFF956AA6) |
| YUV | 125.6970, 19.8694, 20.4367 |
| Hunter-Lab | 44.1031, 21.7017, -20.9433 |

Details

The Hex color **956AA6** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7BA66A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CC9EDD**, and **613A72** is the 20% darker color. If you saturate the color by 10%, you get **9059A6**, and if you desaturate by 10%, it is **9A7BA6**.

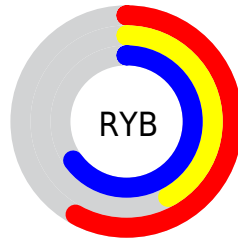
Distribution



Red (58%)

Green (42%)

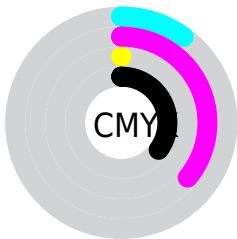
Blue (65%)



Red (58%)

Yellow (42%)

Blue (65%)

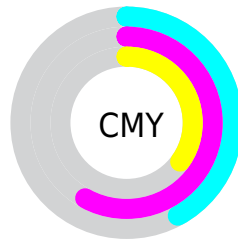


Cyan (10%)

Magenta (36%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 956AA6 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 956AA6 by changing the saturation by 10% instead.



956AA6



956AA6

FFFFFF



7B518B



CC9EDD



613A72



E8B9FA



482359



FFD5FF



310C41



FFF1FF



1E002B



000115



000000



956AA6



956AA6



9059A6



9A7BA6

8C49A6

9E8BA6

8738A6

A39CA6

8228A6

A8ACA6

7D17A6

ADBDA6

7906A6

B1CEA6

7700A6

B6DEA6

BBEFA6

BFFFA6

Harmonies

Analogous

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



6777B8



956AA6



B06089

Triad

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



956AA6



997439



008B8D

Complementary

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



956AA6



7BA66A

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.



1D8A6B



956AA6



7B7E3A

Square

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



956AA6



AF684B



55864D



0088A9

Rectangle

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



956AA6



B75F73



55864D



008B82

Sweetspot

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



956AA6



D2C1D9



6A7BA6



6A5F6E



EDEDED



6E6E6E

Same Dimension

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



956AA6



BE7CD9



A66A99



524C54



6A0094



0F0014

Inverse Universe

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



A66A7B



D97C96



6AA677



544C4E



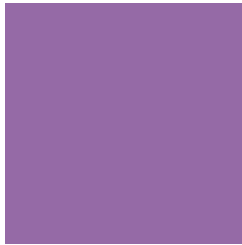
94002A



140006

Previews

White Background



This preview shows how the Hex color 956AA6 looks on a white background.

Color Contrast Check

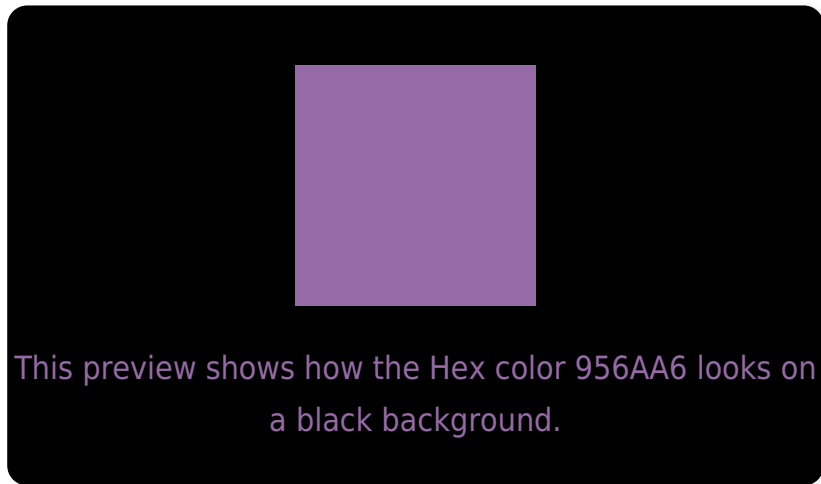
Large Text (above 18pt) WCAG AA ✓ Pass

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

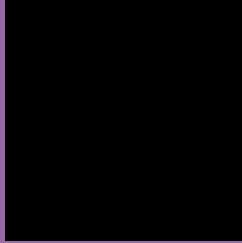
Any Text WCAG AA ✓ Pass

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 956AA6 Background



This preview shows how black text looks on a background with the Hex color 956AA6.

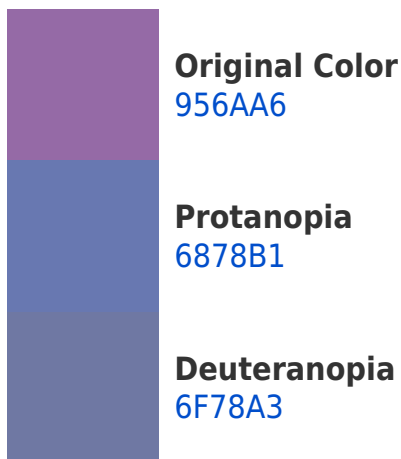


This preview shows how white text looks on a background with the Hex color 956AA6.

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
8F737C

Trichromacy



Original Color
956AA6

Protanomaly
7873AD

Deuteranomaly
7D73A4

Tritanomaly
91708B

Monochromacy



Original Color
956AA6

Achromatopsia
7E7E7E

Achromatomaly
86778D

CSS Examples

Text

The CSS property to change the color of the text to Hex 956AA6 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 #956AA6 looks like.

```
.text, #text, p{  
    color:#956AA6  
}
```

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 #956AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #956AA6
}
```

Border

The CSS property to change the border of an element to Hex 956AA6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

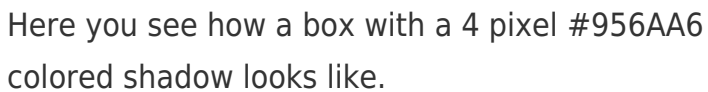
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#956AA6 }
```

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

```
.border{ border-color:#956AA6 }
```

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



Here you see how a box with a 4 pixel #956AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #956AA6; -webkit-box-shadow:4px 4px  
4px 4px #956AA6; box-shadow:4px 4px 4px  
4px #956AA6 }
```

Background

The CSS property to change the background color of an element to Hex 956AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#956AA6 }
```

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

```
.background{ background-color:#956AA6 }
```

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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