

Converting Colors

Hex(8955AA)

Have a look what the booklet for
Hex(8955AA) contains.

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Color

Hex(8955AA)

Conversions

Conversions Part 1

Format	Color
Hex	8955AA
RGB	137, 85, 170
RGB Percent	54%, 33%, 67%
CMY	0.4627, 0.6667, 0.3333
CMYK	0.19, 0.50, 0.00, 0.33
HSL	277°, 33%, 50%
HSV	277°, 50%, 67%
XYZ	20.8207, 14.7176, 39.7736
YIQ	110.2380, 3.7070, 37.4590

Conversions

Conversions Part 2

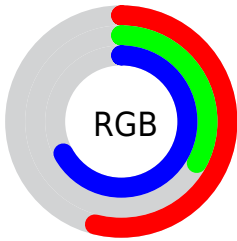
Format	Color
R_{YB}	137, 85, 170
Decimal	9000362
CIE _{Lab}	45.25, 37.42, -37.37
CIE _{LCh}	45, 52.889, 315.036
Yxy	14.7176, 0.2765, 0.1954
Android (android.graphics.Color)	4287190442 (0xFF8955AA)
YUV	110.2380, 29.4627, 23.4703
Hunter-Lab	38.3636, 29.7395, -34.6147

Details

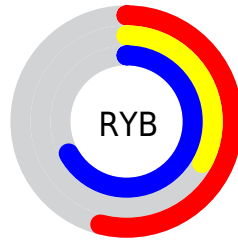
The Hex color **8955AA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **76AA55**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C088E2**, and **552575** is the 20% darker color. If you saturate the color by 10%, you get **8244AA**, and if you desaturate by 10%, it is **9066AA**.

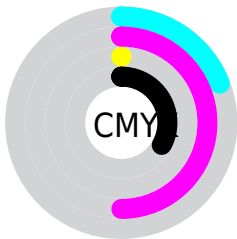
Distribution



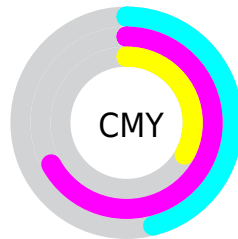
- Red (54%)
- Green (33%)
- Blue (67%)



- Red (54%)
- Yellow (33%)
- Blue (67%)



- Cyan (19%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8955AA 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 8955AA by changing the saturation by 10% instead.

8955AA

8955AA

FFFFFF

6E3D8F

C088E2

552575

DDA3FF

3B0B5C

FABEFF

230044

FFDBFF

03002D

FFF7FF

000117

000000

8955AA

8955AA

8244AA

9066AA

7C33AA

9677AA

7522AA

9D88AA

6F11AA

A399AA

6800AA

AAAAAA

B1BBAA

B7CCAA

BEDDAA

C4EEAA

Harmonies

Analogous

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



3969C1



8955AA



AF4283

Triad

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



8955AA



936108



008081

Complementary

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



8955AA



76AA55

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.



007E53



8955AA



6C7000

Square

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



8955AA



AF4E2E



377927



007EA9

Rectangle

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



8955AA



B93E65



377927



008071

Sweetspot

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



8955AA



D1BDDE



5577AA



685C70



F0F0F0



707070

Same Dimension

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



8955AA



AA59DE



AA55A2



514C54



5A0094



0C0014

Inverse Universe

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



AA5576



DE598C



55AA5D



544C4F



940039



140008

Previews

White Background



This preview shows how the Hex color 8955AA looks on a white background.

Color Contrast Check

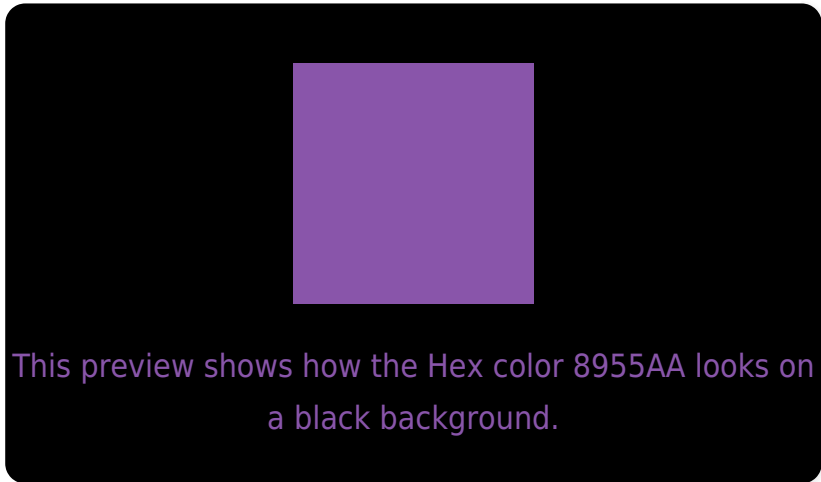
Large Text (above 18pt) WCAG AA ✓ Pass

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

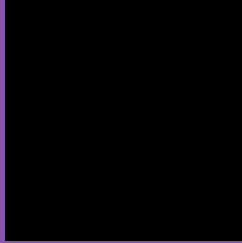
Any Text WCAG AA × Fail

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 8955AA Background



This preview shows how black text looks on a background with the Hex color 8955AA.

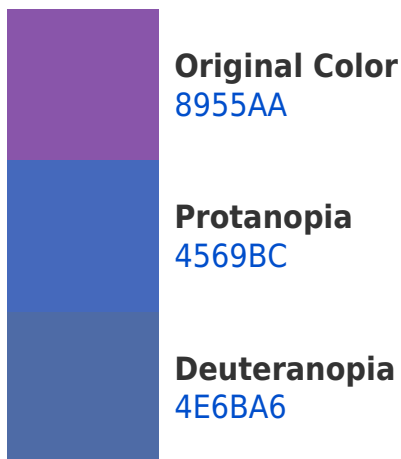



This preview shows how white text looks on a background with the Hex color 8955AA.

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](#).

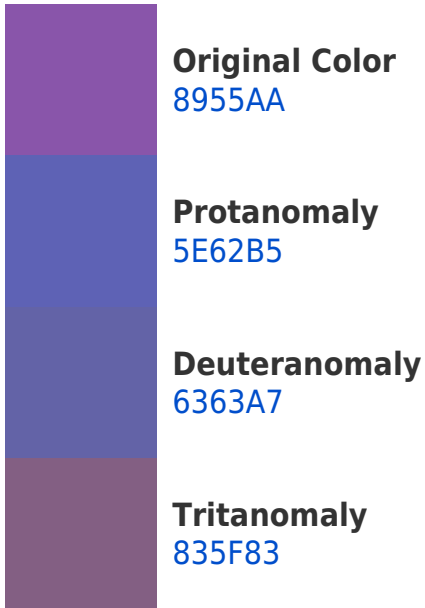
Dichromacy



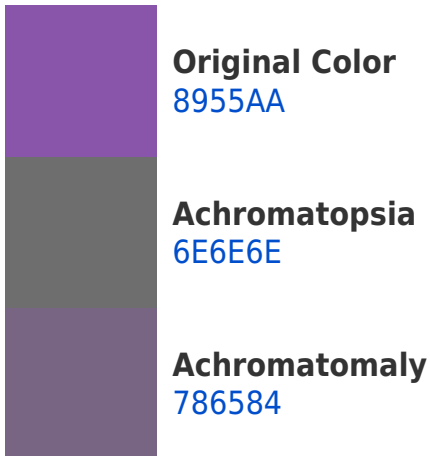


Tritanopia
7F646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8955AA 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 #8955AA looks like.

```
.text, #text, p{  
    color:#8955AA  
}
```

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 #8955AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8955AA
}
```

Border

The CSS property to change the border of an element to Hex 8955AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

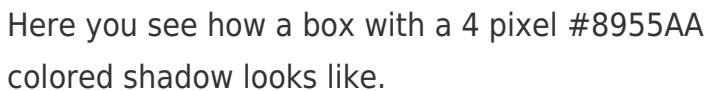
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8955AA }
```

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

```
.border{ border-color:#8955AA }
```

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



Here you see how a box with a 4 pixel #8955AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8955AA; -webkit-box-shadow:4px 4px  
4px 4px #8955AA; box-shadow:4px 4px 4px  
4px #8955AA }
```

Background

The CSS property to change the background color of an element to Hex 8955AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8955AA }
```

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

```
.background{ background-color:#8955AA }
```

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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