

Converting Colors

Hex(9E55AA)

Have a look what the booklet for
Hex(9E55AA) contains.

Hex(9E55AA)	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(9E55AA)

Conversions

Conversions Part 1

Format	Color
Hex	9E55AA
RGB	158, 85, 170
RGB Percent	62%, 33%, 67%
CMY	0.3804, 0.6667, 0.3333
CMYK	0.07, 0.50, 0.00, 0.33
HSL	292°, 33%, 50%
HSV	292°, 50%, 67%
XYZ	24.6047, 16.6684, 39.9507
YIQ	116.5170, 16.2230, 41.9110

Conversions

Conversions Part 2

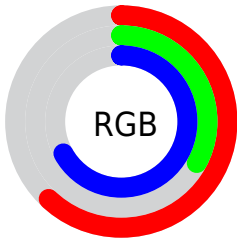
Format	Color
R_{YB}	158, 85, 170
Decimal	10376618
CIE _{Lab}	47.84, 43.49, -33.11
CIE _{LCh}	48, 54.663, 322.716
Yxy	16.6684, 0.3029, 0.2052
Android (android.graphics.Color)	4288566698 (0xFF9E55AA)
YUV	116.5170, 26.3671, 36.3806
Hunter-Lab	40.8269, 36.1277, -29.4387

Details

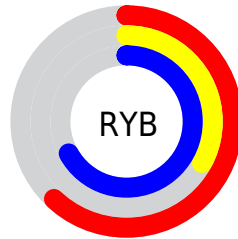
The Hex color **9E55AA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **61AA55**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **D689E2**, and **682275** is the 20% darker color. If you saturate the color by 10%, you get **9C44AA**, and if you desaturate by 10%, it is **A066AA**.

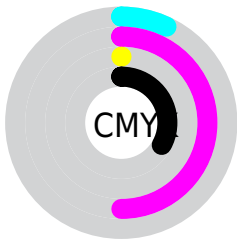
Distribution



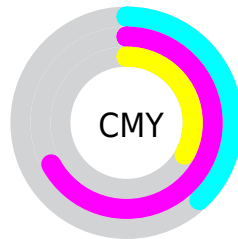
- Red (62%)
- Green (33%)
- Blue (67%)



- Red (62%)
- Yellow (33%)
- Blue (67%)



- Cyan (7%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E55AA 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 9E55AA by changing the saturation by 10% instead.

9E55AA

9E55AA

FFFFFF

833C8F

D689E2

682275

F3A4FE

4F035C

FFC0FF

350044

FFDCFF

20002E

FFF9FF

000118

000000

9E55AA

9E55AA

9C44AA

A066AA

9933AA

A377AA

9722AA

A588AA

9411AA

A899AA

9200AA

AAAAAA

ACBBAA

AFCCAA

B1DDAA

B4EEAA

Harmonies

Analogous

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



5B6AC7



9E55AA



BE447F

Triad

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



9E55AA



916B02



008794

Complementary

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



9E55AA



61AA55

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.



008664



9E55AA



667A0B

Square

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



9E55AA



B25828



268236



0083BA

Rectangle

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



9E55AA



C44360



268236



008784

Sweetspot

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



9E55AA



D9BDDE



5562AA



6D5C70



F0F0F0



707070

Same Dimension

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



9E55AA



CB59DE



AA558C



534C54



7F0094



120014

Inverse Universe

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



AA5561



DE596C



55AA73



544C4D



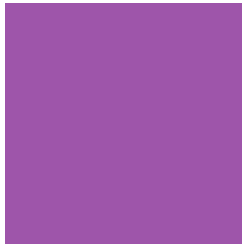
940015



140003

Previews

White Background



This preview shows how the Hex color 9E55AA 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

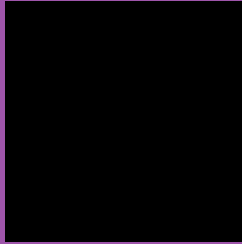
Any Text WCAG AA × Fail

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 9E55AA Background



This preview shows how black text looks on a background with the Hex color 9E55AA.

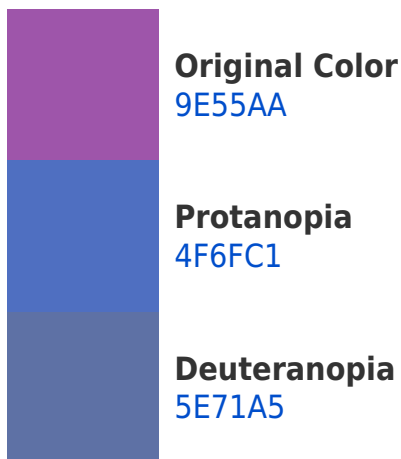



This preview shows how white text looks on a background with the Hex color 9E55AA.

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](#).

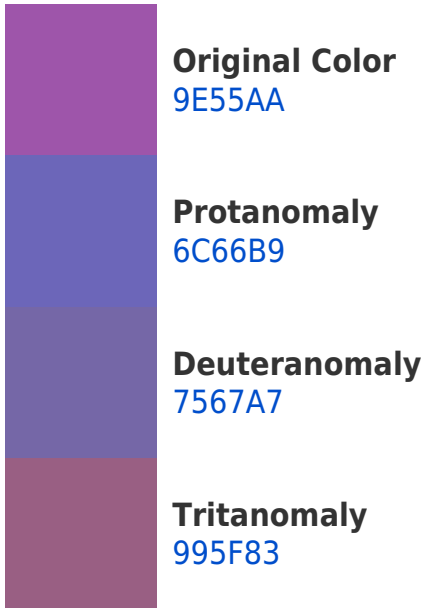
Dichromacy



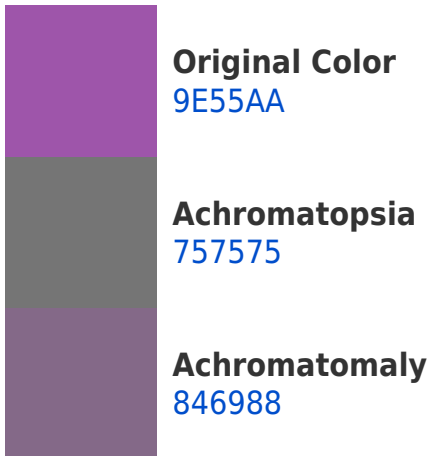


Tritanopia
96646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E55AA 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 #9E55AA looks like.

```
.text, #text, p{  
    color:#9E55AA  
}
```

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 #9E55AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E55AA
}
```

Border

The CSS property to change the border of an element to Hex 9E55AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

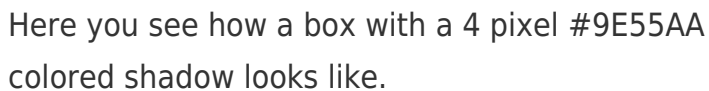
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E55AA }
```

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

```
.border{ border-color:#9E55AA }
```

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



Here you see how a box with a 4 pixel #9E55AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E55AA; -webkit-box-shadow:4px 4px  
4px 4px #9E55AA; box-shadow:4px 4px 4px  
4px #9E55AA }
```

Background

The CSS property to change the background color of an element to Hex 9E55AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E55AA }
```

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

```
.background{ background-color:#9E55AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor