

Converting Colors

Hex(9E41A6)

Have a look what the booklet for
Hex(9E41A6) contains.

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Color

Hex(9E41A6)

Conversions

Conversions Part 1

Format	Color
Hex	9E41A6
RGB	158, 65, 166
RGB Percent	62%, 25%, 65%
CMY	0.3804, 0.7451, 0.3490
CMYK	0.05, 0.61, 0.00, 0.35
HSL	295°, 44%, 45%
HSV	295°, 61%, 65%
XYZ	22.8738, 13.8029, 37.5350
YIQ	104.3210, 23.0070, 51.1270

Conversions

Conversions Part 2

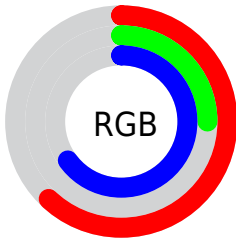
Format	Color
R_{YB}	158, 65, 166
Decimal	10371494
CIE _{Lab}	43.95, 52.61, -36.87
CIE _{LCh}	44, 64.243, 324.971
Yxy	13.8029, 0.3082, 0.1860
Android (android.graphics.Color)	4288561574 (0xFF9E41A6)
YUV	104.3210, 30.4077, 47.0765
Hunter-Lab	37.1522, 44.8821, -33.8944

Details

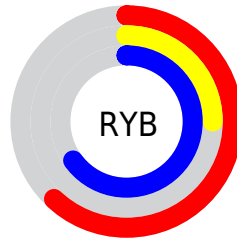
The Hex color **9E41A6** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49A641**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D776DE**, and **670071** is the 20% darker color. If you saturate the color by 10%, you get **9D30A6**, and if you desaturate by 10%, it is **9F52A6**.

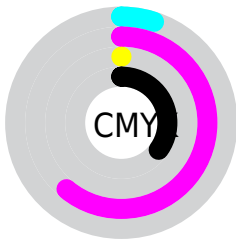
Distribution



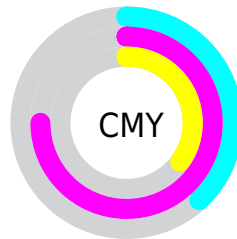
- Red (62%)
- Green (25%)
- Blue (65%)



- Red (62%)
- Yellow (25%)
- Blue (65%)



- Cyan (5%)
- Magenta (61%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (75%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E41A6 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 9E41A6 by changing the saturation by 10% instead.



9E41A6



9E41A6

FFFFFF



82258B



D776DE



670071



F492FA



4D0059



FFADFF



340041



FFCAFF



1A002A



FFE6FF



000114



000000



9E41A6



9E41A6



9D30A6



9F52A6

9B20A6

A162A6

9A0FA6

A273A6

9900A6

A383A6

A594A6

A6A5A6

A7B5A6

A9C6A6

AAD6A6

Harmonies

Analogous

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



4D5ECA



9E41A6



C02673

Triad

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



9E41A6



866300



007F94

Complementary

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



9E41A6



49A641

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.



007E5D



9E41A6



537200

Square

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



9E41A6



AC4B05



007B24



007CBF

Rectangle

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



9E41A6



C42750



007B24



007F82

Sweetspot

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



9E41A6



D6B2D9



4149A6



6C566E



EDEDED



6E6E6E

Same Dimension

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



9E41A6



CC3BD9



A6417C



534C54



880094



130014

Inverse Universe

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



A64149



D93B47



41A66B



544C4C



94000C



140002

Previews

White Background



This preview shows how the Hex color 9E41A6 looks on a white background.

Color Contrast Check

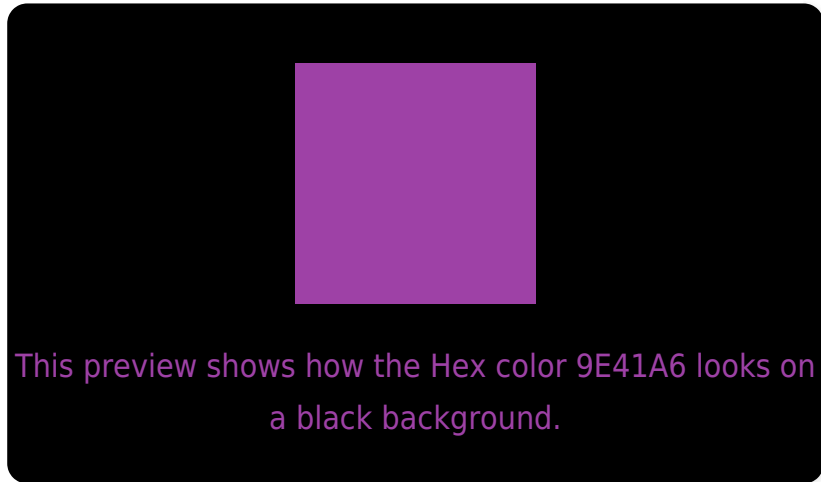
Large Text (above 18pt) WCAG AA ✓ Pass

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

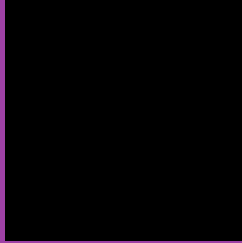
Any Text WCAG AA × Fail

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 9E41A6 Background



This preview shows how black text looks on a background with the Hex color 9E41A6.

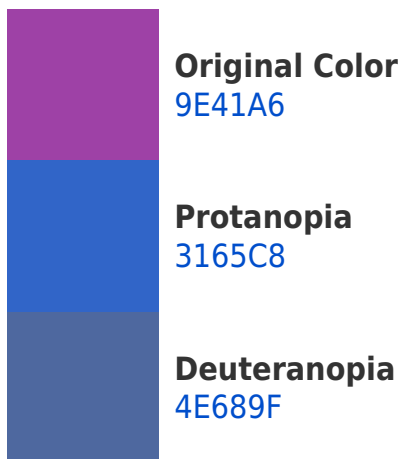



This preview shows how white text looks on a background with the Hex color 9E41A6.

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
95565C

Trichromacy



Original Color
9E41A6



Protanomaly
5958BC



Deuteranomaly
6B5AA2



Tritanomaly
984E77

Monochromacy



Original Color
9E41A6



Achromatopsia
686868



Achromatomaly
7C5A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E41A6 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 #9E41A6 looks like.

```
.text, #text, p{  
    color:#9E41A6  
}
```

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 #9E41A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E41A6
}
```

Border

The CSS property to change the border of an element to Hex 9E41A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

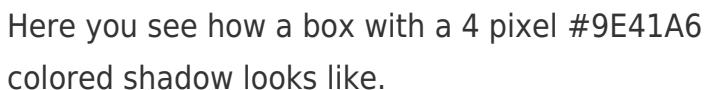
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E41A6 }
```

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

```
.border{ border-color:#9E41A6 }
```

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



Here you see how a box with a 4 pixel #9E41A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E41A6; -webkit-box-shadow:4px 4px  
4px 4px #9E41A6; box-shadow:4px 4px 4px  
4px #9E41A6 }
```

Background

The CSS property to change the background color of an element to Hex 9E41A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E41A6 }
```

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

```
.background{ background-color:#9E41A6 }
```

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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