

Converting Colors

Hex(984AEA)

Have a look what the booklet for
Hex(984AEA) contains.

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Color

Hex(984AEA)

Conversions

Conversions Part 1

Format	Color
Hex	984AEA
RGB	152, 74, 234
RGB Percent	60%, 29%, 92%
CMY	0.4039, 0.7098, 0.0824
CMYK	0.35, 0.68, 0.00, 0.08
HSL	269°, 79%, 60%
HSV	269°, 68%, 92%
XYZ	30.2490, 17.5135, 79.6280
YIQ	115.5620, -4.8720, 66.2960

Conversions

Conversions Part 2

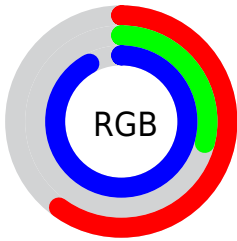
Format	Color
RYB	152, 74, 234
Decimal	9980650
CIELab	48.90, 61.63, -68.29
CIElCh	49, 91.989, 312.063
Yxy	17.5135, 0.2375, 0.1375
Android (android.graphics.Color)	4288170730 (0xFF984AEA)
YUV	115.5620, 58.3899, 31.9561
Hunter-Lab	41.8491, 55.7857, -83.5192

Details

The Hex color **984AEA** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **9CEA4A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D380FF**, and **5D0DB1** is the 20% darker color. If you saturate the color by 10%, you get **8C33EA**, and if you desaturate by 10%, it is **A461EA**.

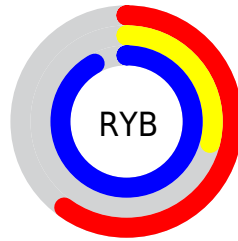
Distribution



Red (60%)

Green (29%)

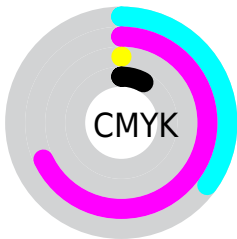
Blue (92%)



Red (60%)

Yellow (29%)

Blue (92%)

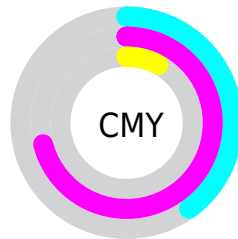


Cyan (35%)

Magenta (68%)

Yellow (0%)

Black (8%)



Cyan (40%)

Magenta (71%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 984AEA 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 984AEA by changing the saturation by 10% instead.

 984AEA

 984AEA

FFFFFF

 7B2ECD

 D380FF

 5D0DB1


 F19BFF

 3F0096

 FFB7FF


 1A007B

 FFD4FF

 000061

 FFF1FF

 000048

 000431

 00011B

 000000

 984AEA

 984AEA

 8C33EA

 A461EA

 801BEA

 B079EA

 7404EA

 BC90EA

 7200EA

 C8A8EA

 D4BFEA

 E0D6EA

 ECEEEE

 F8FFEA

 FFFFEA

Harmonies

Analogous

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



0075FF



984AEA



E200A6

Triad

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



984AEA



B35E00



009393

Complementary

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



984AEA



9CEA4A

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.



009040



984AEA



717B00

Square

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



984AEA



E22501



008A00



0092DD

Rectangle

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



984AEA



F50073



008A00



009278

Sweetspot

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



984AEA



E4C9FF



4A9DEA



6F6080



000000



808080

Same Dimension

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



984AEA



942EFF



E74AEA



6F6A75



5800B5



1A0036

Inverse Universe

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



EA4A9C



FF2E99



4DEA4A



756A70



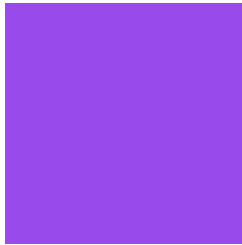
B5005D



36001B

Previews

White Background



This preview shows how the Hex color 984AEA 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

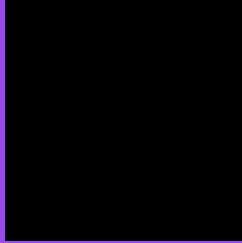
Any Text WCAG AA ✓ Pass

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 984AEA Background



This preview shows how black text looks on a background with the Hex color 984AEA.



This preview shows how white text looks on a background with the Hex color 984AEA.

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](#).

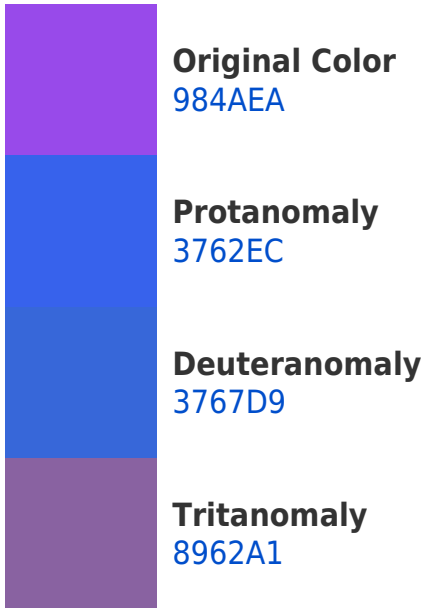
Dichromacy



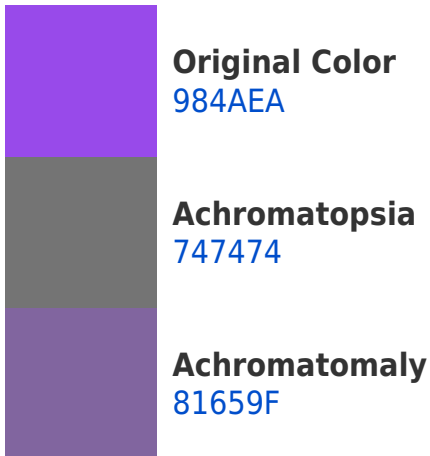


Tritanopia
816F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 984AEA 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 #984AEA looks like.

```
.text, #text, p{  
  color:#984AEA  
}
```

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 #984AEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #984AEA
}
```

Border

The CSS property to change the border of an element to Hex 984AEA 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
#984AEA }
```

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

```
.border{ border-color:#984AEA }
```

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

Here you see how a box with a 4 pixel #984AEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #984AEA; -webkit-box-shadow:4px 4px  
4px 4px #984AEA; box-shadow:4px 4px 4px  
4px #984AEA }
```

Background

The CSS property to change the background color of an element to Hex 984AEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#984AEA }
```

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

```
.background{ background-color:#984AEA }
```

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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