

Converting Colors

Hex(9F40B7)

Have a look what the booklet for
Hex(9F40B7) contains.

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Color

Hex(9F40B7)

Conversions

Conversions Part 1

Format	Color
Hex	9F40B7
RGB	159, 64, 183
RGB Percent	62%, 25%, 72%
CMY	0.3765, 0.7490, 0.2824
CMYK	0.13, 0.65, 0.00, 0.28
HSL	288°, 48%, 48%
HSV	288°, 65%, 72%
XYZ	24.6787, 14.4566, 46.2894
YIQ	105.9710, 18.4210, 57.1490

Conversions

Conversions Part 2

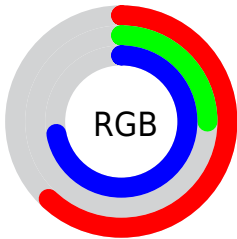
Format	Color
R_{YB}	159, 64, 183
Decimal	10436791
CIE _{Lab}	44.88, 56.56, -45.42
CIE _{LCh}	45, 72.541, 321.237
Yxy	14.4566, 0.2889, 0.1692
Android (android.graphics.Color)	4288626871 (0xFF9F40B7)
YUV	105.9710, 37.9753, 46.5064
Hunter-Lab	38.0219, 49.3201, -45.5669

Details

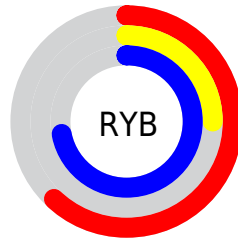
The Hex color **9F40B7** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **58B740**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D876F0**, and **680081** is the 20% darker color. If you saturate the color by 10%, you get **9B2EB7**, and if you desaturate by 10%, it is **A352B7**.

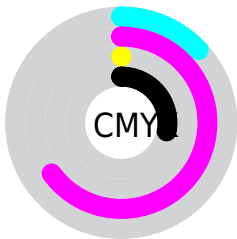
Distribution



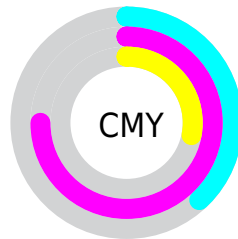
- Red (62%)
- Green (25%)
- Blue (72%)



- Red (62%)
- Yellow (25%)
- Blue (72%)



- Cyan (13%)
- Magenta (65%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (75%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F40B7 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 9F40B7 by changing the saturation by 10% instead.

 9F40B7

 9F40B7

FFFFFF

 83239C

 D876F0

 680081

 F691FF

 4D0068

 FFADFF

 33004F

 FFCAFF

 180037

 FFE7FF

 000221

 000005

 000000

 9F40B7

 9F40B7

9B2EB7

A352B7

981BB7

A665B7

9409B7

AA77B7

9200B7

AE89B7

B19BB7

B5AEB7

B9C0B7

BDD2B7

C0E5B7

Harmonies

Analogous

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



2962DD



9F40B7



CA107F

Triad

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



9F40B7



906100



008495

Complementary

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



9F40B7



58B740

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.



008256



9F40B7



597400

Square

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



9F40B7



BA4300



007E0E



0081C9

Rectangle

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



9F40B7



D20656



007E0E



008480

Sweetspot

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



9F40B7



E4BEED



405AB7



725B78



F7F7F7



787878

Same Dimension

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



9F40B7



C834ED



B74095



5A535C



7C009C



16001C

Inverse Universe

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



B74058



ED3459



40B762



5C5354



9C001F



1C0006

Previews

White Background



This preview shows how the Hex color 9F40B7 looks on a white background.

Color Contrast Check

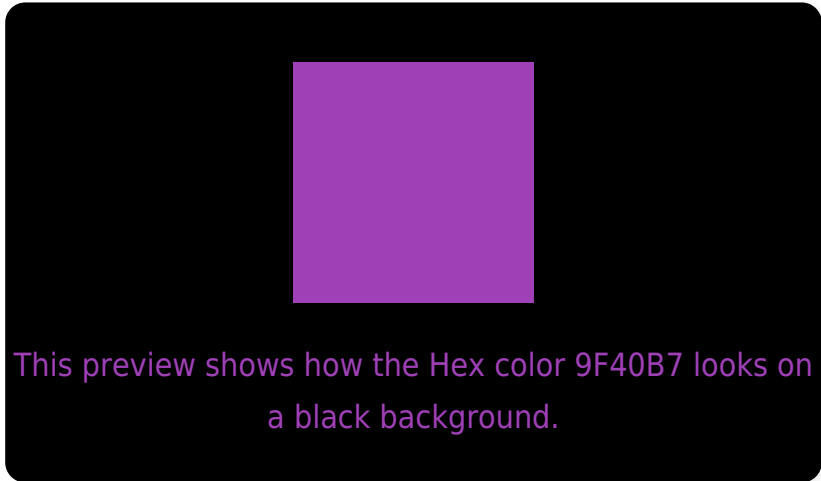
Large Text (above 18pt) WCAG AA ✓ Pass

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

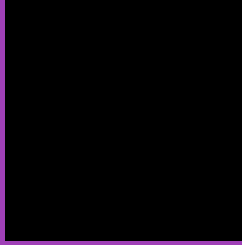
Any Text WCAG AA × Fail

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 9F40B7 Background



This preview shows how black text looks on a background with the Hex color 9F40B7.

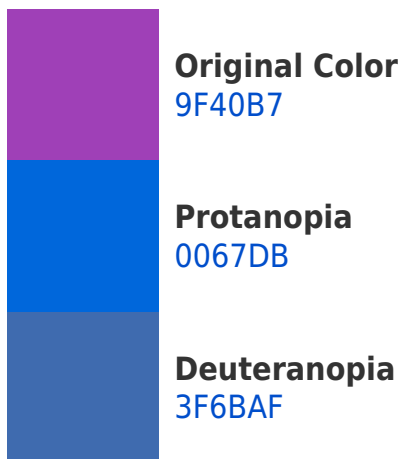



This preview shows how white text looks on a background with the Hex color 9F40B7.

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



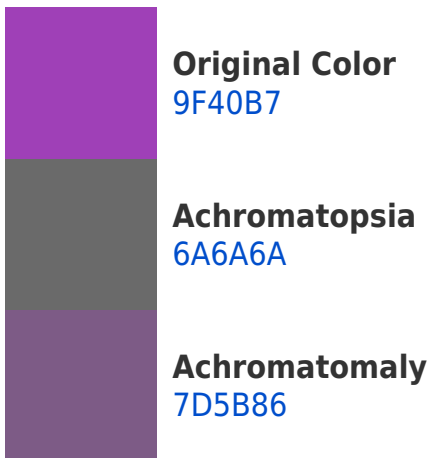


Tritanopia
935A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F40B7 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 #9F40B7 looks like.

```
.text, #text, p{  
    color:#9F40B7  
}
```

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 #9F40B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F40B7
}
```

Border

The CSS property to change the border of an element to Hex 9F40B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

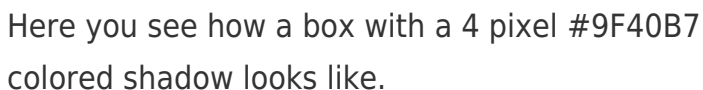
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F40B7 }
```

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

```
.border{ border-color:#9F40B7 }
```

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



Here you see how a box with a 4 pixel #9F40B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F40B7; -webkit-box-shadow:4px 4px  
4px 4px #9F40B7; box-shadow:4px 4px 4px  
4px #9F40B7 }
```

Background

The CSS property to change the background color of an element to Hex 9F40B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F40B7 }
```

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

```
.background{ background-color:#9F40B7 }
```

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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