

Converting Colors

Hex(9B4686)

Have a look what the booklet for
Hex(9B4686) contains.

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Color

Hex(9B4686)

Conversions

Conversions Part 1

Format	Color
Hex	9B4686
RGB	155, 70, 134
RGB Percent	61%, 27%, 53%
CMY	0.3922, 0.7255, 0.4745
CMYK	0.00, 0.55, 0.14, 0.39
HSL	315°, 38%, 44%
HSV	315°, 55%, 61%
XYZ	20.0108, 13.0701, 24.0224
YIQ	102.7110, 30.1160, 37.9240

Conversions

Conversions Part 2

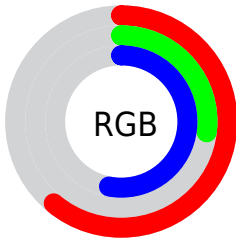
Format	Color
R_{YB}	155, 70, 134
Decimal	10176134
CIE _{Lab}	42.87, 43.70, -19.35
CIE _{LCh}	43, 47.797, 336.116
Yxy	13.0701, 0.3504, 0.2289
Android (android.graphics.Color)	4288366214 (0xFF9B4686)
YUV	102.7110, 15.4255, 45.8575
Hunter-Lab	36.1526, 35.5343, -14.0897

Details

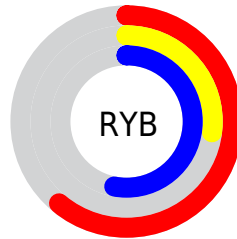
The Hex color **9B4686** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **469B5B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D37ABB**, and **650F54** is the 20% darker color. If you saturate the color by 10%, you get **9B3682**, and if you desaturate by 10%, it is **9B568A**.

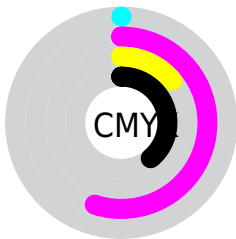
Distribution



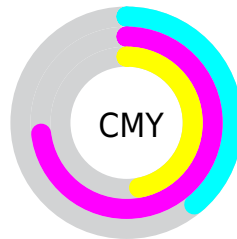
- Red (61%)
- Green (27%)
- Blue (53%)



- Red (61%)
- Yellow (27%)
- Blue (53%)



- Cyan (0%)
- Magenta (55%)
- Yellow (14%)
- Black (39%)



- Cyan (39%)
- Magenta (73%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B4686 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 9B4686 by changing the saturation by 10% instead.

9B4686

9B4686

FFFFFF

802C6D

D37ABB

650F54

F095D7

4B003D

FFB0F4

340027

FFCCFF

160011

FFE9FF

000000

9B4686

9B4686

9B3682

9B568A

9B277E

9B658E

 9B177B

 9B7591

 9B0877

 9B8495

 9B0075

 9B9399

 9BA39D

 9BB3A1

 9BC2A5

 9BD1A8

Harmonies

Analogous

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



7157A5



9B4686



AC3E5F

Triad

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



9B4686



726608



007793

Complementary

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



9B4686



469B5B

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.



00786C



9B4686



48701F

Square

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



9B4686



925719



007644



0072AD

Rectangle

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



9B4686



AB4345



007644



007887

Sweetspot

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



9B4686



C9A9C1



5A469B



665361



E6E6E6



666666

Same Dimension

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



9B4686



C944A9



9B465D



4D454B



8C006A



0D000A

Inverse Universe

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



9B4686



C944A9



469B84



4D454B



8C006A



0D000A

Previews

White Background



This preview shows how the Hex color 9B4686 looks on a white background.

Color Contrast Check

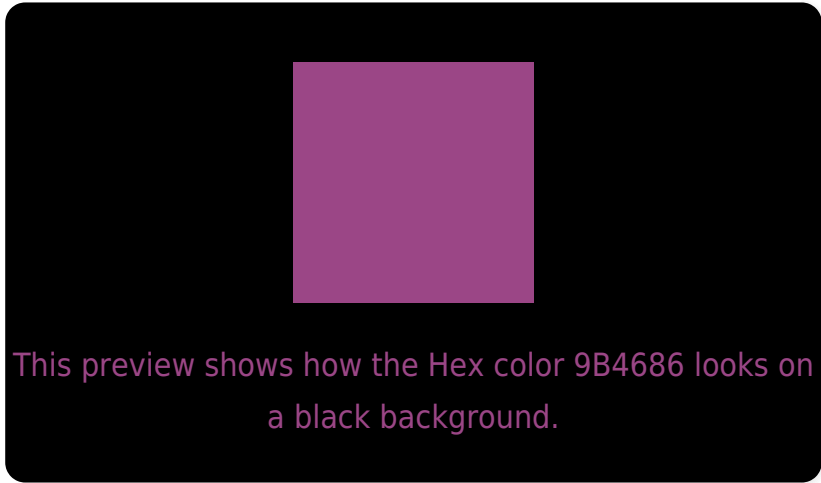
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B4686 Background



This preview shows how black text looks on a background with the Hex color 9B4686.



This preview shows how white text looks on a background with the Hex color 9B4686.

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
965157

Trichromacy



Original Color
9B4686



Protanomaly
6C5995



Deuteranomaly
775983



Tritanomaly
984D68

Monochromacy



Original Color
9B4686



Achromatopsia
676767



Achromatomaly
7A5B72

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B4686 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 #9B4686 looks like.

```
.text, #text, p{  
    color:#9B4686  
}
```

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 #9B4686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4686
}
```

Border

The CSS property to change the border of an element to Hex 9B4686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

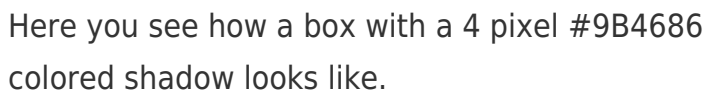
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B4686 }
```

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

```
.border{ border-color:#9B4686 }
```

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



Here you see how a box with a 4 pixel #9B4686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4686; -webkit-box-shadow:4px 4px  
4px 4px #9B4686; box-shadow:4px 4px 4px  
4px #9B4686 }
```

Background

The CSS property to change the background color of an element to Hex 9B4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4686 }
```

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

```
.background{ background-color:#9B4686 }
```

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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