

Converting Colors

Hex(9C4380)

Have a look what the booklet for
Hex(9C4380) contains.

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Color

Hex(9C4380)

Conversions

Conversions Part 1

Format	Color
Hex	9C4380
RGB	156, 67, 128
RGB Percent	61%, 26%, 50%
CMY	0.3882, 0.7373, 0.4980
CMYK	0.00, 0.57, 0.18, 0.39
HSL	319°, 40%, 44%
HSV	319°, 57%, 61%
XYZ	19.6137, 12.6407, 21.8282
YIQ	100.5650, 33.4630, 37.8390

Conversions

Conversions Part 2

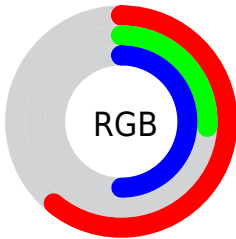
Format	Color
R_{YB}	156, 67, 128
Decimal	10240896
CIE _{Lab}	42.22, 44.53, -16.68
CIE _{LCh}	42, 47.554, 339.467
Yxy	12.6407, 0.3627, 0.2337
Android (android.graphics.Color)	4288430976 (0xFF9C4380)
YUV	100.5650, 13.5255, 48.6165
Hunter-Lab	35.5538, 36.2527, -11.5133

Details

The Hex color **9C4380** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **439C5F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D577B5**, and **66094F** is the 20% darker color. If you saturate the color by 10%, you get **9C337B**, and if you desaturate by 10%, it is **9C5385**.

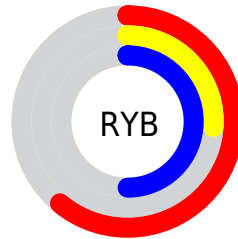
Distribution



Red (61%)

Green (26%)

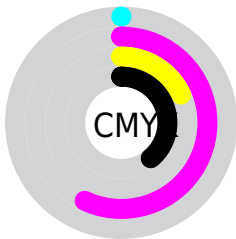
Blue (50%)



Red (61%)

Yellow (26%)

Blue (50%)

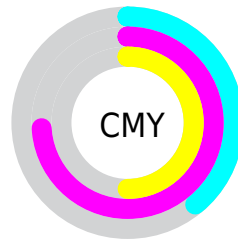


Cyan (0%)

Magenta (57%)

Yellow (18%)

Black (39%)



Cyan (39%)

Magenta (74%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C4380 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 9C4380 by changing the saturation by 10% instead.

 9C4380

 9C4380

FFFFFF

 812967

 D577B5

 66094F

 F292D1

 4C0038

 FFADED

 340022

 FFCAFF

 150008

 FFE6FF

 000000

 9C4380

 9C4380

 9C337B

 9C5385

 9C2476

 9C628A

 9C1471

 9C728F

 9C056C

 9C8194

 9C006B

 9C9199

 9CA19D

 9CB0A2

 9CC0A7

 9CCFAC

Harmonies

Analogous

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



7554A1



9C4380



AA3D59

Triad

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



9C4380



6C6608



007595

Complementary

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



9C4380



439C5F

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.



00766F



9C4380



416F22

Square

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



9C4380



8D5815



007447



006FAD

Rectangle

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



9C4380



A8433F



007447



007689

Sweetspot

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



9C4380



CCA9C1



5E439C



665260



E6E6E6



666666

Same Dimension

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



9C4380



CC41A0



9C4355



4F474D



8F0062



0F000A

Inverse Universe

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



9C4380



CC41A0



439C8A



4F474D



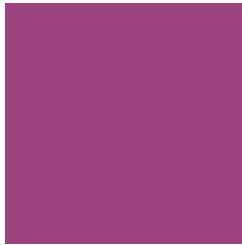
8F0062



0F000A

Previews

White Background



This preview shows how the Hex color 9C4380 looks on a white background.

Color Contrast Check

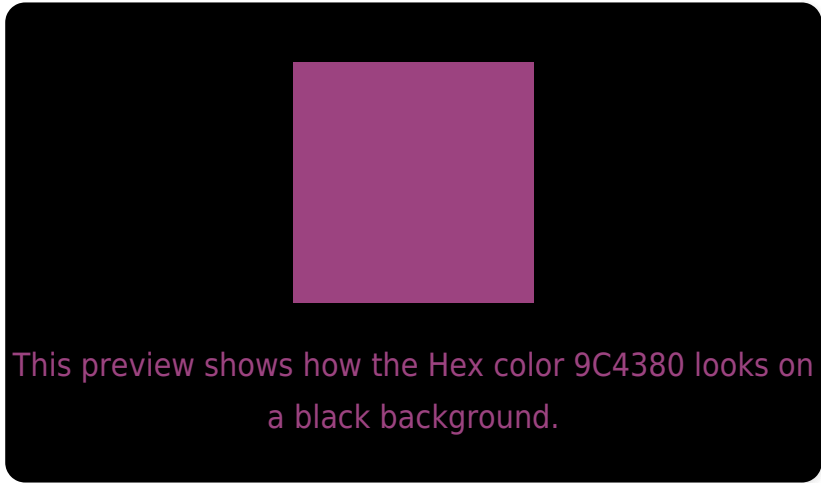
Large Text (above 18pt) WCAG AA ✓ Pass

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

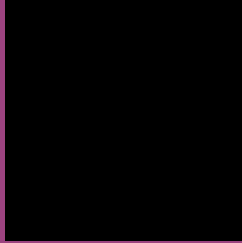
Any Text WCAG AA × Fail

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 9C4380 Background



This preview shows how black text looks on a background with the Hex color 9C4380.

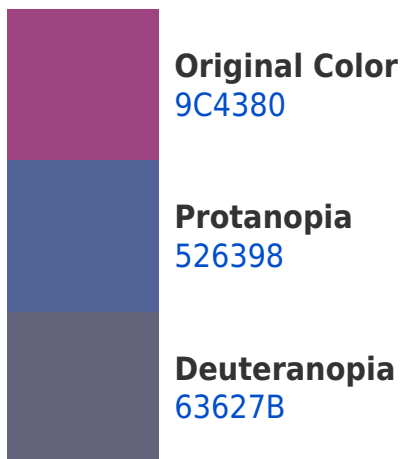



This preview shows how white text looks on a background with the Hex color 9C4380.

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
984E53

Trichromacy



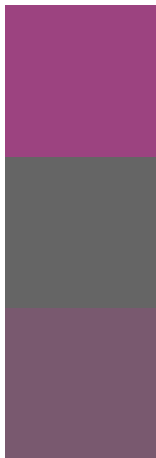
Original Color
9C4380

Protanomaly
6D578F

Deuteranomaly
78577D

Tritanomaly
994A63

Monochromacy



Original Color
9C4380

Achromatopsia
656565

Achromatomaly
79596F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C4380 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 #9C4380 looks like.

```
.text, #text, p{  
    color:#9C4380  
}
```

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 #9C4380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C4380
}
```

Border

The CSS property to change the border of an element to Hex 9C4380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

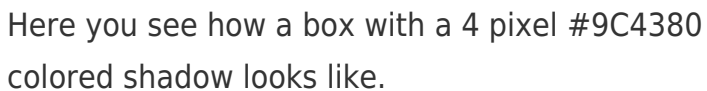
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C4380 }
```

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

```
.border{ border-color:#9C4380 }
```

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



Here you see how a box with a 4 pixel #9C4380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C4380; -webkit-box-shadow:4px 4px  
4px 4px #9C4380; box-shadow:4px 4px 4px  
4px #9C4380 }
```

Background

The CSS property to change the background color of an element to Hex 9C4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C4380 }
```

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

```
.background{ background-color:#9C4380 }
```

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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