

Converting Colors

Hex(9840A5)

Have a look what the booklet for
Hex(9840A5) contains.

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Color

Hex(9840A5)

Conversions

Conversions Part 1

Format	Color
Hex	9840A5
RGB	152, 64, 165
RGB Percent	60%, 25%, 65%
CMY	0.4039, 0.7490, 0.3529
CMYK	0.08, 0.61, 0.00, 0.35
HSL	292°, 44%, 45%
HSV	292°, 61%, 65%
XYZ	21.5738, 13.0588, 36.9808
YIQ	101.8260, 20.0270, 50.0670

Conversions

Conversions Part 2

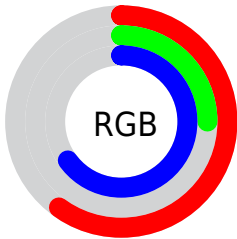
Format	Color
R_{YB}	152, 64, 165
Decimal	9978021
CIE _{Lab}	42.85, 51.33, -38.07
CIE _{LCh}	43, 63.907, 323.434
Yxy	13.0588, 0.3013, 0.1824
Android (android.graphics.Color)	4288168101 (0xFF9840A5)
YUV	101.8260, 31.1448, 44.0026
Hunter-Lab	36.1370, 43.3251, -35.3787

Details

The Hex color **9840A5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4DA540**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **D175DD**, and **620071** is the 20% darker color. If you saturate the color by 10%, you get **962FA5**, and if you desaturate by 10%, it is **9A50A5**.

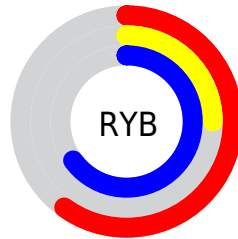
Distribution



Red (60%)

Green (25%)

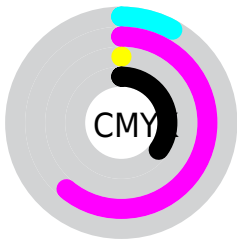
Blue (65%)



Red (60%)

Yellow (25%)

Blue (65%)

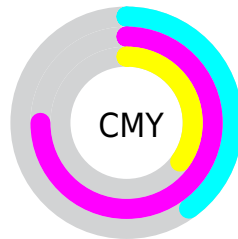


Cyan (8%)

Magenta (61%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (75%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9840A5 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 9840A5 by changing the saturation by 10% instead.

9840A5

9840A5

FFFFFF

7D258A

D175DD

620071

EE90F9

480058

FFACFF

2F0040

FFC8FF

120029

FFE4FF

000113

000000

9840A5

9840A5

962FA5

9A50A5

 941FA5

 9C61A5

 920EA5

 9E71A5

 9000A5

 A082A5

 A392A5

 A5A3A5

 A7B3A5

 A9C4A5

 ABD4A5

Harmonies

Analogous

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



435CC7



9840A5



BB2373

Triad

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



9840A5



855F00



007C8E

Complementary

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



9840A5



4DA540

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.



007B57



9840A5



536F00

Square

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



9840A5



AA4707



00771F



0079BA

Rectangle

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



9840A5



C12350



00771F



007C7C

Sweetspot

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



9840A5



D1B0D6



404DA5



68546B



EBEBEB



6B6B6B

Same Dimension

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



9840A5



C23AD6



A54080



514952



7F0091



100012

Inverse Universe

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



A5404D



D63A4E



40A565



52494A



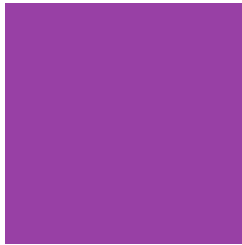
910013



120002

Previews

White Background



This preview shows how the Hex color 9840A5 looks on a white background.

Color Contrast Check

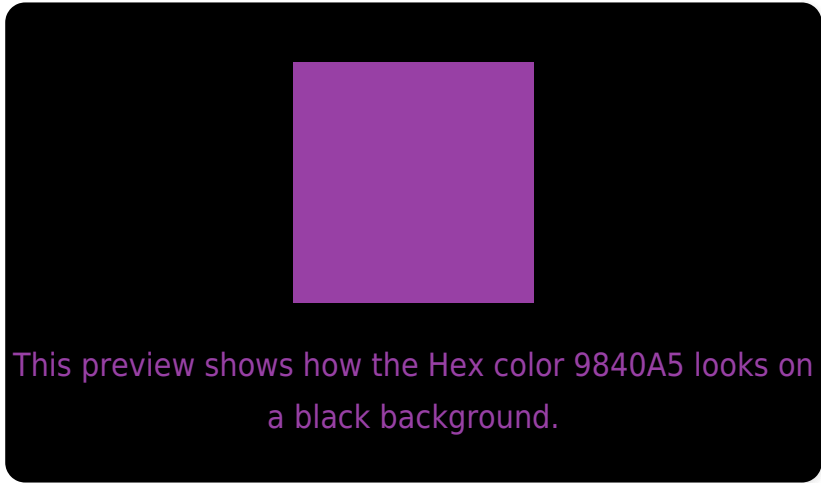
Large Text (above 18pt) WCAG AA ✓ Pass

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

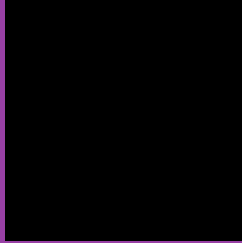
Any Text WCAG AA × Fail

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 9840A5 Background



This preview shows how black text looks on a background with the Hex color 9840A5.



This preview shows how white text looks on a background with the Hex color 9840A5.

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



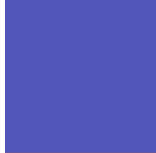


Tritanopia
8E555B

Trichromacy



Original Color
9840A5



Protanomaly
5256BA



Deuteranomaly
6558A1



Tritanomaly
924D76

Monochromacy



Original Color
9840A5



Achromatopsia
666666



Achromatomaly
78587D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9840A5 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 #9840A5 looks like.

```
.text, #text, p{  
    color:#9840A5  
}
```

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 #9840A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9840A5
}
```

Border

The CSS property to change the border of an element to Hex 9840A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

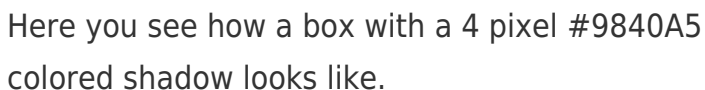
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9840A5 }
```

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

```
.border{ border-color:#9840A5 }
```

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



Here you see how a box with a 4 pixel #9840A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9840A5; -webkit-box-shadow:4px 4px  
4px 4px #9840A5; box-shadow:4px 4px 4px  
4px #9840A5 }
```

Background

The CSS property to change the background color of an element to Hex 9840A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9840A5 }
```

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

```
.background{ background-color:#9840A5 }
```

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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