

Converting Colors

Hex(9A50A5)

Have a look what the booklet for
Hex(9A50A5) contains.

Hex(9A50A5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A50A5)

Conversions

Conversions Part 1

Format	Color
Hex	9A50A5
RGB	154, 80, 165
RGB Percent	60%, 31%, 65%
CMY	0.3961, 0.6863, 0.3529
CMYK	0.07, 0.52, 0.00, 0.35
HSL	292°, 35%, 48%
HSV	292°, 52%, 65%
XYZ	22.9866, 15.3240, 37.3436
YIQ	111.8160, 16.8190, 42.1230

Conversions

Conversions Part 2

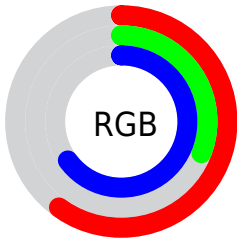
Format	Color
RYB	154, 80, 165
Decimal	10113189
CIELab	46.07, 43.95, -32.97
CIELCh	46, 54.945, 323.126
Yxy	15.3240, 0.3038, 0.2026
Android (android.graphics.Color)	4288303269 (0xFF9A50A5)
YUV	111.8160, 26.2197, 36.9954
Hunter-Lab	39.1458, 36.3109, -29.1583

Details

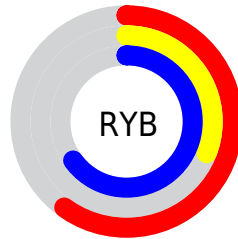
The Hex color **9A50A5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5BA550**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **D284DC**, and **641C71** is the 20% darker color. If you saturate the color by 10%, you get **9840A5**, and if you desaturate by 10%, it is **9C60A5**.

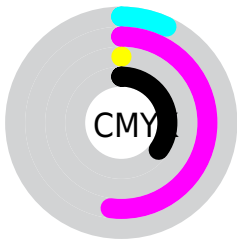
Distribution



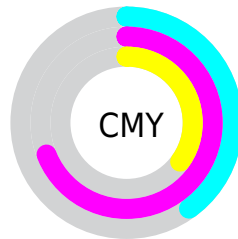
- Red (60%)
- Green (31%)
- Blue (65%)



- Red (60%)
- Yellow (31%)
- Blue (65%)



- Cyan (7%)
- Magenta (52%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A50A5 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 9A50A5 by changing the saturation by 10% instead.

 9A50A5

 9A50A5

FFFFFF

 7F378A

 D284DC

 641C71

 EF9FF9

 4B0058

 FFBBFF

 320040

 FFD7FF

 1B002A

 FFF4FF

 000113

 000000

 9A50A5

 9A50A5

 9840A5

 9C60A5

962FA5

9E71A5

941EA5

A082A5

910EA5

A392A5

9000A5

A5A3A5

A7B3A5

A9C3A5

ABD4A5

ADE4A5

Harmonies

Analogous

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



5765C2



9A50A5



BA3F7A

Triad

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



9A50A5



8C6700



008290

Complementary

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



9A50A5



5BA550

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.



008261



9A50A5



617503

Square

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



9A50A5



AD5422



1D7E32



007FB6

Rectangle

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



9A50A5



BF3E5B



1D7E32



008281

Sweetspot

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



9A50A5



D2B6D6



505BA5



69586B



EBEBEB



6B6B6B

Same Dimension

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



9A50A5



C551D6



A55086



514952



7F0091



100012

Inverse Universe

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



A5505B



D65163



50A56F



52494A



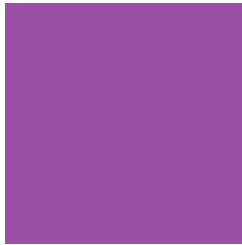
910013



120002

Previews

White Background



This preview shows how the Hex color 9A50A5 looks on a white background.

Color Contrast Check

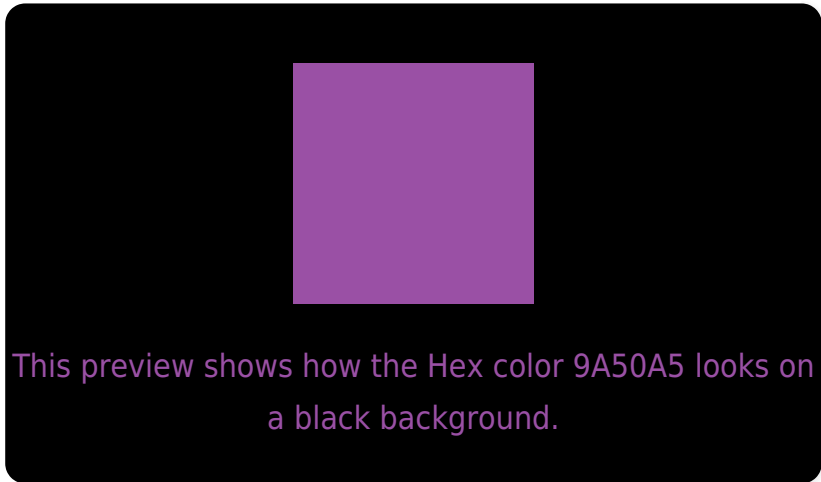
Large Text (above 18pt) WCAG AA ✓ Pass

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

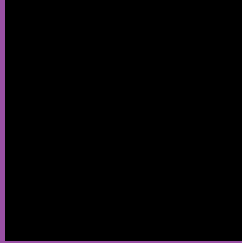
Any Text WCAG AA × Fail

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 9A50A5 Background



This preview shows how black text looks on a background with the Hex color 9A50A5.

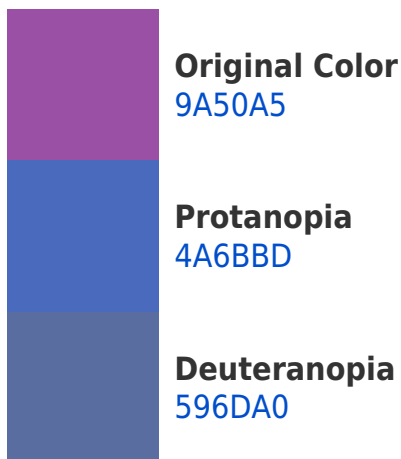


This preview shows how white text looks on a background with the Hex color 9A50A5.

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](#).

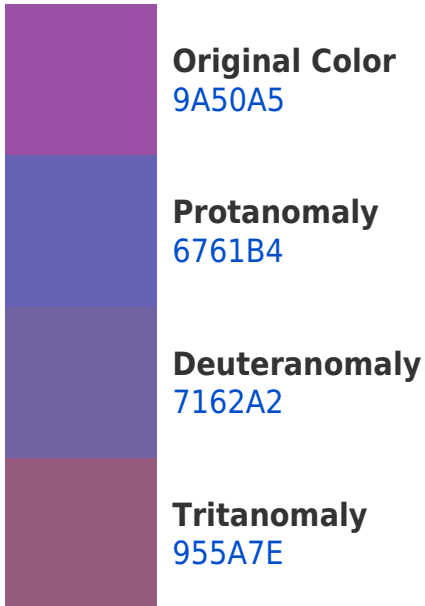
Dichromacy



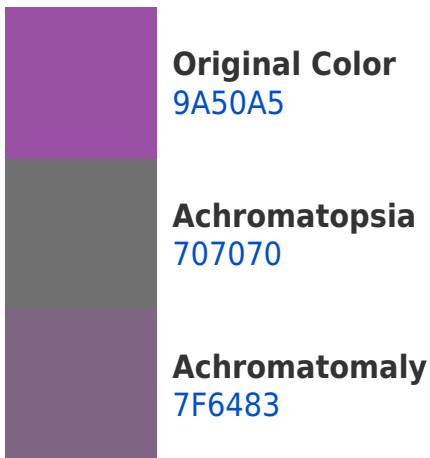


Tritanopia
925F67

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A50A5 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 #9A50A5 looks like.

```
.text, #text, p{  
    color:#9A50A5  
}
```

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 #9A50A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A50A5
}
```

Border

The CSS property to change the border of an element to Hex 9A50A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

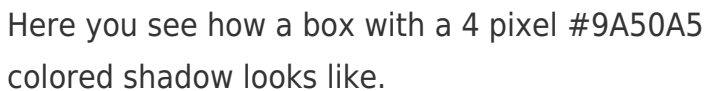
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A50A5 }
```

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

```
.border{ border-color:#9A50A5 }
```

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



Here you see how a box with a 4 pixel #9A50A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A50A5; -webkit-box-shadow:4px 4px  
4px 4px #9A50A5; box-shadow:4px 4px 4px  
4px #9A50A5 }
```

Background

The CSS property to change the background color of an element to Hex 9A50A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A50A5 }
```

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

```
.background{ background-color:#9A50A5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor