

Converting Colors

Hex(9109A5)

Have a look what the booklet for
Hex(9109A5) contains.

Hex(9109A5)	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(9109A5)

Conversions

Conversions Part 1

Format	Color
Hex	9109A5
RGB	145, 9, 165
RGB Percent	57%, 4%, 65%
CMY	0.4314, 0.9647, 0.3529
CMYK	0.12, 0.95, 0.00, 0.35
HSL	292°, 90%, 34%
HSV	292°, 95%, 65%
XYZ	18.5663, 8.9317, 36.3428
YIQ	67.4480, 30.9800, 77.3480

Conversions

Conversions Part 2

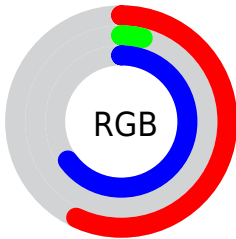
Format	Color
R_{YB}	145, 9, 165
Decimal	9505189
CIE _{Lab}	35.85, 66.61, -49.33
CIE _{LCh}	36, 82.889, 323.475
Yxy	8.9317, 0.2908, 0.1399
Android (android.graphics.Color)	4287695269 (0xFF9109A5)
YUV	67.4480, 48.0931, 68.0131
Hunter-Lab	29.8860, 58.5902, -51.1792

Details

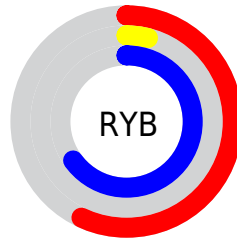
The Hex color **9109A5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1DA509**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **CB51DD**, and **590070** is the 20% darker color. If you saturate the color by 10%, you get **9000A5**, and if you desaturate by 10%, it is **9319A5**.

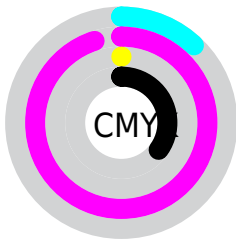
Distribution



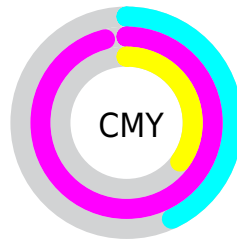
- Red (57%)
- Green (4%)
- Blue (65%)



- Red (57%)
- Yellow (4%)
- Blue (65%)



- Cyan (12%)
- Magenta (95%)
- Yellow (0%)
- Black (35%)



- Cyan (43%)
- Magenta (96%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9109A5 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 9109A5 by changing the saturation by 10% instead.

 9109A5

 9109A5

FFFFFF

 75008A

 CB51DD

 590070

 E86EFA

 3E0057

 FF8AFF

 23003F

 FFA6FF

 000028


 FFC3FF

 000111

 FFE0FF

 000000

FFFEFF

 9109A5

 9109A5

■ 9000A5

■ 9319A5

■ 952AA5

■ 973AA5

■ 994BA5

■ 9C5BA5

■ 9E6CA5

■ A07CA5

■ A28DA5

■ A49DA5

Harmonies

Analogous

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



004AD1



9109A5



BC0066

Triad

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



9109A5



744D00



006D88

Complementary

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



9109A5



1DA509

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.



006C43



9109A5



336000

Square

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



9109A5



A22400



006800



006CC1

Rectangle

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



9109A5



C1003B



006800



006D72

Sweetspot

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



9109A5



CF9AD6



091EA5



66476B



EBEBEB



6B6B6B

Same Dimension

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



9109A5



BB00D6



A5096C



514952



7F0091



100012

Inverse Universe

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



A5091D



D6001B



09A542



52494A



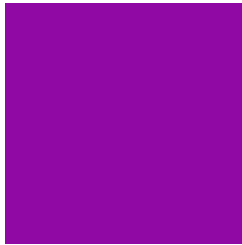
910013



120002

Previews

White Background



This preview shows how the Hex color 9109A5 looks on a white background.

Color Contrast Check

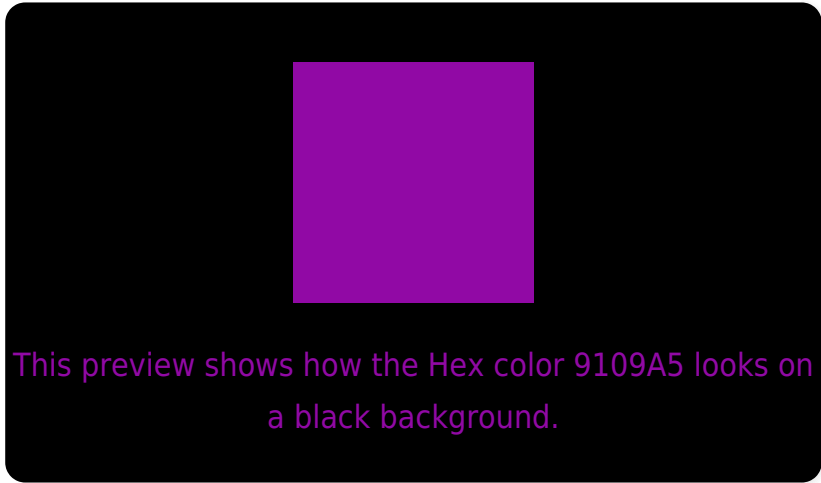
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

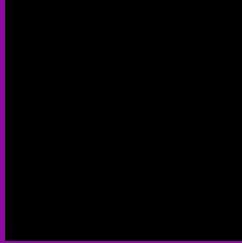
Any Text WCAG AA × Fail

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 9109A5 Background



This preview shows how black text looks on a background with the Hex color 9109A5.



This preview shows how white text looks on a background with the Hex color 9109A5.

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



Original Color
9109A5

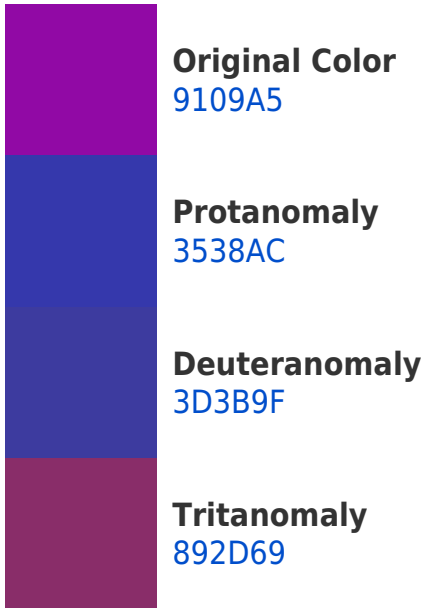
Protanopia
0053B0

Deuteranopia
0D589B

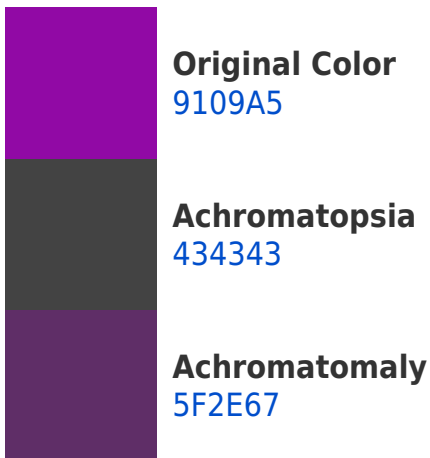


Tritanopia
854146

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9109A5 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 #9109A5 looks like.

```
.text, #text, p{  
  color:#9109A5  
}
```

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 #9109A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9109A5
}
```

Border

The CSS property to change the border of an element to Hex 9109A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

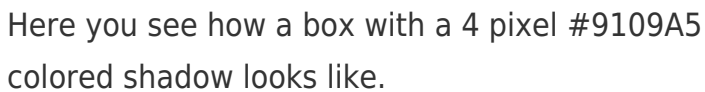
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9109A5 }
```

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

```
.border{ border-color:#9109A5 }
```

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



Here you see how a box with a 4 pixel #9109A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9109A5; -webkit-box-shadow:4px 4px  
4px 4px #9109A5; box-shadow:4px 4px 4px  
4px #9109A5 }
```

Background

The CSS property to change the background color of an element to Hex 9109A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9109A5 }
```

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

```
.background{ background-color:#9109A5 }
```

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