

Converting Colors

Hex(9364C5)

Have a look what the booklet for
Hex(9364C5) contains.

Hex(9364C5)	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(9364C5)

Conversions

Conversions Part 1

Format	Color
Hex	9364C5
RGB	147, 100, 197
RGB Percent	58%, 39%, 77%
CMY	0.4235, 0.6078, 0.2275
CMYK	0.25, 0.49, 0.00, 0.23
HSL	269°, 46%, 58%
HSV	269°, 49%, 77%
XYZ	26.6678, 19.3486, 55.1524
YIQ	125.1110, -3.1250, 40.1310

Conversions

Conversions Part 2

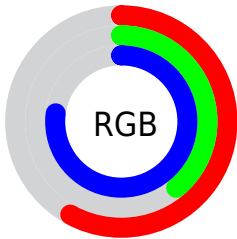
Format	Color
RYB	147, 100, 197
Decimal	9659589
CIELab	51.09, 38.14, -43.75
CIElCh	51, 58.040, 311.079
Yxy	19.3486, 0.2636, 0.1913
Android (android.graphics.Color)	4287849669 (0xFF9364C5)
YUV	125.1110, 35.4413, 19.1967
Hunter-Lab	43.9870, 31.2411, -43.5488

Details

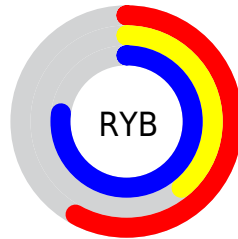
The Hex color **9364C5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **96C564**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CB98FE**, and **5D338F** is the 20% darker color. If you saturate the color by 10%, you get **8950C5**, and if you desaturate by 10%, it is **9D78C5**.

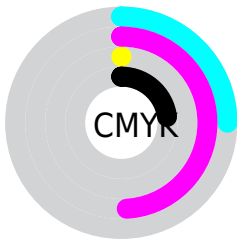
Distribution



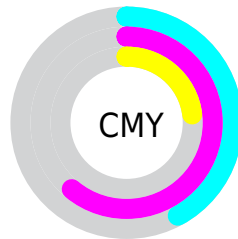
- Red (58%)
- Green (39%)
- Blue (77%)



- Red (58%)
- Yellow (39%)
- Blue (77%)



- Cyan (25%)
- Magenta (49%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (61%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9364C5 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 9364C5 by changing the saturation by 10% instead.

 9364C5

 9364C5

FFFFFF

 784BA9

 CB98FE

 5D338F

 E8B3FF

 431B75

 FFCFFF

 29025B

 FFE8FF

 120043

 00032C

 000116

 000000

 9364C5

 9364C5

8950C5

9D78C5

7F3DC5

A78BC5

7529C5

B19FC5

6A15C5

BCB3C5

6001C5

C6C7C5

5F00C5

D0DAC5

DAEEC5

E4FFC5

EEFFC5

Harmonies

Analogous

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



2879DC



9364C5



C24E9B

Triad

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



9364C5



AB6C10



00918B

Complementary

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



9364C5



96C564

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.



008F58



9364C5



817D00

Square

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



9364C5



C8563B



498928



008FBA

Rectangle

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



9364C5



D0477A



498928



00907A

Sweetspot

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



9364C5



EBD9FF



6496C5



746980



000000



808080

Same Dimension

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



9364C5



B169FF



C364C5



5E5A63



4F00A3



110024

Inverse Universe

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



C56496



FF69B6



66C564



635A5F



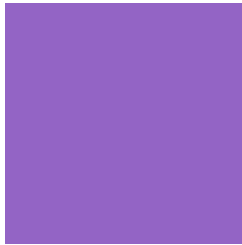
A30054



240012

Previews

White Background



This preview shows how the Hex color 9364C5 looks on a white background.

Color Contrast Check

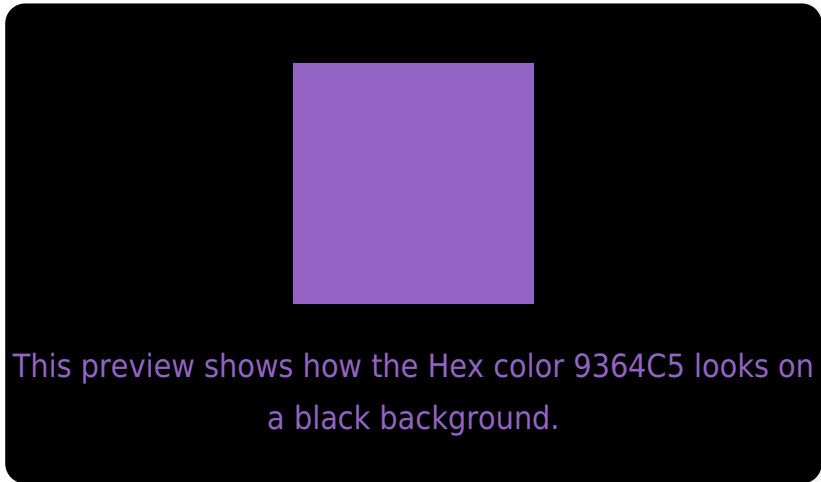
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

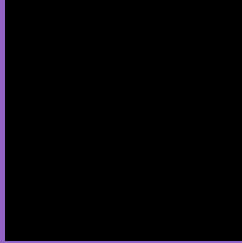
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9364C5 Background



This preview shows how black text looks on a background with the Hex color 9364C5.

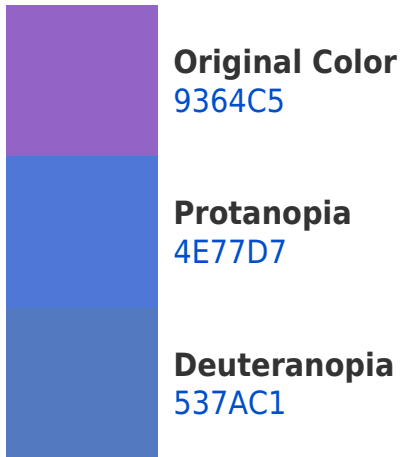


This preview shows how white text looks on a background with the Hex color 9364C5.

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
86757E

Trichromacy



Original Color
9364C5



Protanomaly
6770D0



Deuteranomaly
6A72C2



Tritanomaly
8B6F98

Monochromacy



Original Color
9364C5



Achromatopsia
7D7D7D



Achromatomaly
857497

CSS Examples

Text

The CSS property to change the color of the text to Hex 9364C5 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 #9364C5 looks like.

```
.text, #text, p{  
    color:#9364C5  
}
```

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 #9364C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9364C5
}
```

Border

The CSS property to change the border of an element to Hex 9364C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

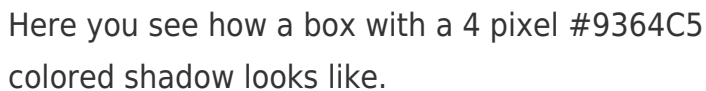
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9364C5 }
```

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

```
.border{ border-color:#9364C5 }
```

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



Here you see how a box with a 4 pixel #9364C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9364C5; -webkit-box-shadow:4px 4px  
4px 4px #9364C5; box-shadow:4px 4px 4px  
4px #9364C5 }
```

Background

The CSS property to change the background color of an element to Hex 9364C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9364C5 }
```

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

```
.background{ background-color:#9364C5 }
```

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