

Converting Colors

Hex(9164CD)

Have a look what the booklet for
Hex(9164CD) contains.

Hex(9164CD)	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(9164CD)

Conversions

Conversions Part 1

Format	Color
Hex	9164CD
RGB	145, 100, 205
RGB Percent	57%, 39%, 80%
CMY	0.4314, 0.6078, 0.1961
CMYK	0.29, 0.51, 0.00, 0.20
HSL	266°, 51%, 60%
HSV	266°, 51%, 80%
XYZ	27.2537, 19.5419, 60.0931
YIQ	125.4250, -6.8850, 42.1950

Conversions

Conversions Part 2

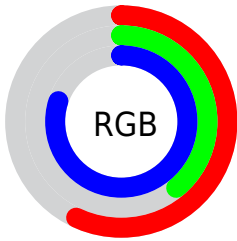
Format	Color
R _Y B	145, 100, 205
Decimal	9528525
CIE Lab	51.32, 39.56, -47.99
CIE LCh	51, 62.194, 309.497
Yxy	19.5419, 0.2550, 0.1828
Android (android.graphics.Color)	4287718605 (0xFF9164CD)
YUV	125.4250, 39.2305, 17.1673
Hunter-Lab	44.2062, 32.6867, -49.6535

Details

The Hex color **9164CD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A0CD64**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C998FF**, and **5B3396** is the 20% darker color. If you saturate the color by 10%, you get **8550CD**, and if you desaturate by 10%, it is **9D79CD**.

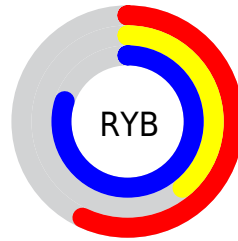
Distribution



Red (57%)

Green (39%)

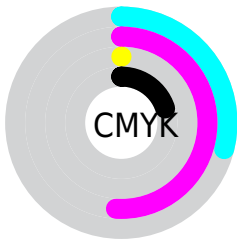
Blue (80%)



Red (57%)

Yellow (39%)

Blue (80%)

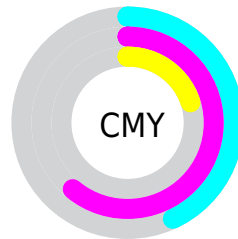


Cyan (29%)

Magenta (51%)

Yellow (0%)

Black (20%)



Cyan (43%)

Magenta (61%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9164CD 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 9164CD by changing the saturation by 10% instead.

■ 9164CD

■ 9164CD

FFFFFF

■ 764BB1

■ C998FF

■ 5B3396

■ E6B3FF

■ 401B7C

■ FFCFFF

■ 240262

■ FFE8FF

■ 08004A

■ 000232

■ 00021C

■ 000000

■ 9164CD

■ 9164CD

8550CD

9D79CD

7A3BCD

A88DCD

6E27CD

B4A2CD

6212CD

C0B6CD

5800CD

CCCBCD

D7DFCD

E3F3CD

EFFBCD

FAFFCD

Harmonies

Analogous

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



007BE4



9164CD



C64BA1

Triad

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



9164CD



B06A03



00938A

Complementary

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



9164CD



A0CD64

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.



009053



9164CD



837D00

Square

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



9164CD



CF5239



498A1D



0091BD

Rectangle

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



9164CD



D6417D



498A1D



009278

Sweetspot

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



9164CD



E9D9FF



64A1CD



726980



000000



808080

Same Dimension

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



9164CD



A663FF



C464CD



605C66



4700A6



100026

Inverse Universe

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



CD64A0



FF63BC



6DCD64



665C62



A6005F



260016

Previews

White Background



This preview shows how the Hex color 9164CD looks on a white background.

Color Contrast Check

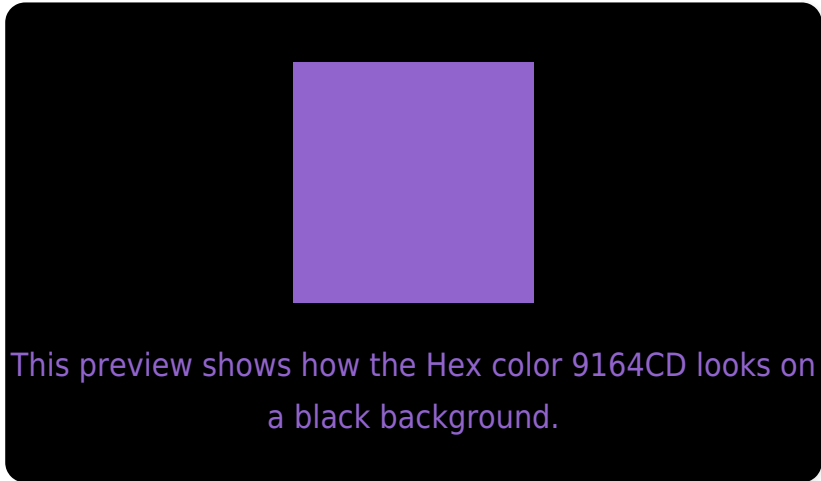
Large Text (above 18pt) WCAG AA ✓ Pass

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

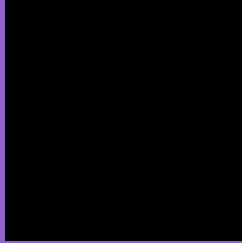
Any Text WCAG AA ✓ Pass

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 9164CD Background



This preview shows how black text looks on a background with the Hex color 9164CD.

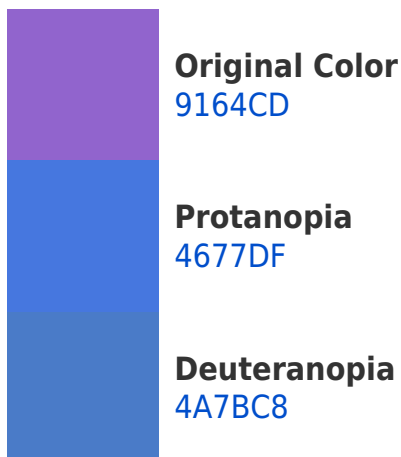


This preview shows how white text looks on a background with the Hex color 9164CD.

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](#).

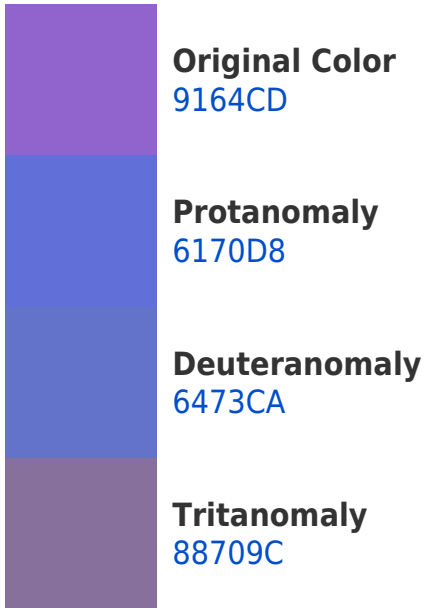
Dichromacy



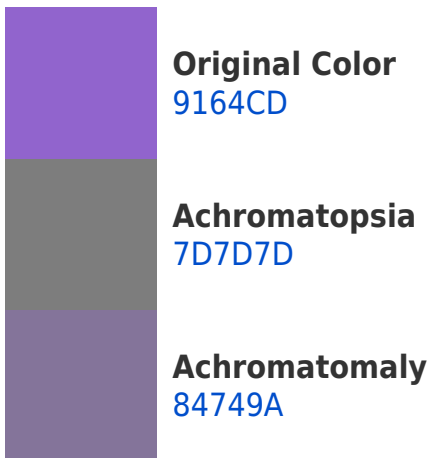


Tritanopia
837780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9164CD 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 #9164CD looks like.

```
.text, #text, p{  
    color:#9164CD  
}
```

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 #9164CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9164CD
}
```

Border

The CSS property to change the border of an element to Hex 9164CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

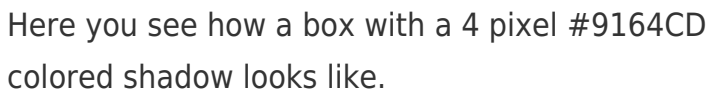
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9164CD }
```

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

```
.border{ border-color:#9164CD }
```

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



Here you see how a box with a 4 pixel #9164CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9164CD; -webkit-box-shadow:4px 4px  
4px 4px #9164CD; box-shadow:4px 4px 4px  
4px #9164CD }
```

Background

The CSS property to change the background color of an element to Hex 9164CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9164CD }
```

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

```
.background{ background-color:#9164CD }
```

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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