

# Converting Colors

Hex(9151C5)

Have a look what the booklet for  
Hex(9151C5) contains.

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# Color

**Hex(9151C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9151C5
RGB	145, 81, 197
RGB Percent	57%, 32%, 77%
CMY	0.4314, 0.6824, 0.2275
CMYK	0.26, 0.59, 0.00, 0.23
HSL	273°, 50%, 55%
HSV	273°, 59%, 77%
XYZ	24.6975, 15.9358, 54.5975
YIQ	113.3600, 0.9080, 49.6440

# Conversions

## Conversions Part 2

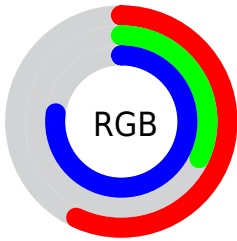
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 81, 197
Decimal	9523653
CIE <sub>Lab</sub>	46.89, 47.98, -50.46
CIE <sub>LCh</sub>	47, 69.632, 313.559
Yxy	15.9358, 0.2593, 0.1673
Android (android.graphics.Color)	4287713733 (0xFF9151C5)
YUV	113.3600, 41.2345, 27.7483
Hunter-Lab	39.9197, 40.5750, -53.1462

# Details

The Hex color **9151C5** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **85C551**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CA85FE**, and **5A1E8E** is the 20% darker color. If you saturate the color by 10%, you get **883DC5**, and if you desaturate by 10%, it is **9A65C5**.

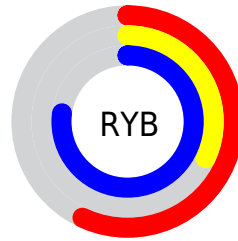
# Distribution



Red (57%)

Green (32%)

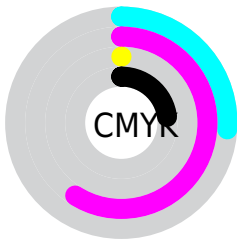
Blue (77%)



Red (57%)

Yellow (32%)

Blue (77%)

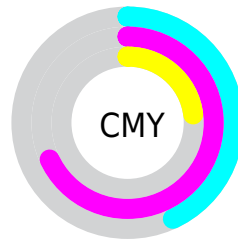


Cyan (26%)

Magenta (59%)

Yellow (0%)

Black (23%)



Cyan (43%)

Magenta (68%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9151C5 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 9151C5 by changing the saturation by 10% instead.



9151C5

9151C5

FFFFFF

7538A9

CA85FE

5A1E8E

E7A0FF

3F0074

FFBCFF

23005B

FFD8FF

040043

FFF5FF

00032B

000116

000000

9151C5

9151C5

883DC5

9A65C5

7F2AC5

A378C5

7716C5

AB8CC5

6E02C5

B4A0C5

6D00C5

BDB4C5

C6C7C5

CFDBC5

D8EFC5

E0FFC5

# Harmonies

## Analogous

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



006EE2



9151C5



C62D92

# Triad

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



9151C5



A16000



008889

# Complementary

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



9151C5



85C551

# 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.



00864C



9151C5



6F7500

# Square

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



9151C5



C5421F



218101



0087BF

# Rectangle

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



9151C5



D3206B



218101



008875



# Sweetspot

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



9151C5



EAD1FF



5185C5



736380



000000



808080



# Same Dimension

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



9151C5



AE4AFF



C551BF



5F5A63



5A00A3



140024



# Inverse Universe

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



C55185



FF4A9B



51C557



635A5E



A30049



240010



# Previews

## White Background



This preview shows how the Hex color 9151C5 looks on a white background.

## Color Contrast Check

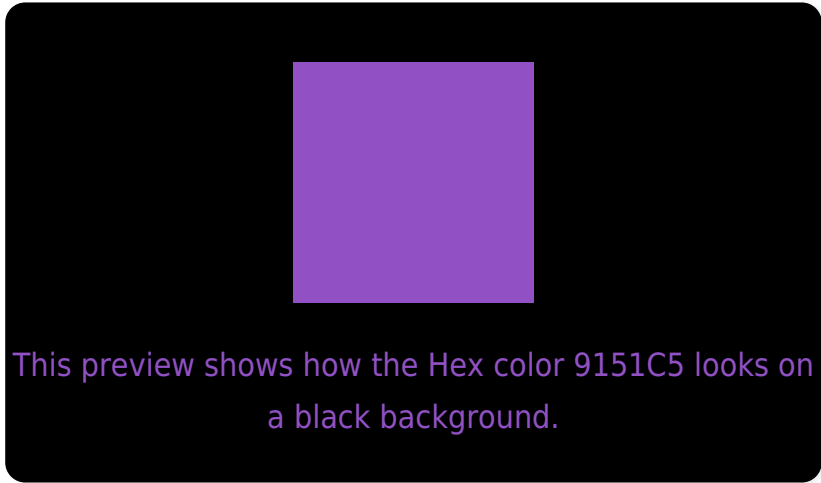
Large Text (above 18pt) WCAG AA ✓ Pass

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

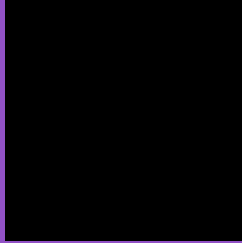
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9151C5 Background



This preview shows how black text looks on a background with the Hex color 9151C5.

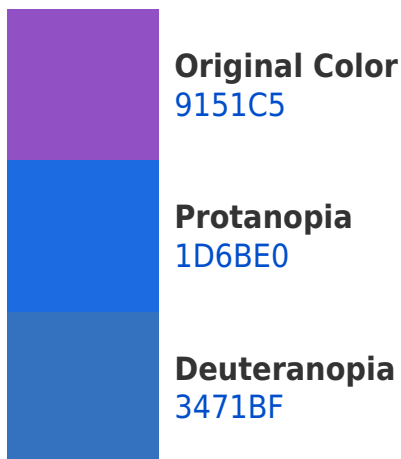


This preview shows how white text looks on a background with the Hex color 9151C5.

# 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](#).

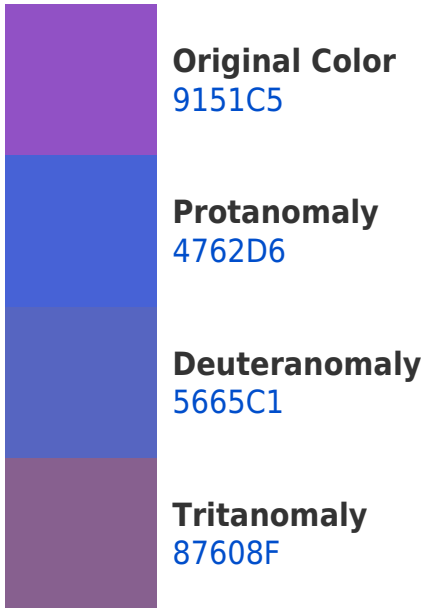
## Dichromacy



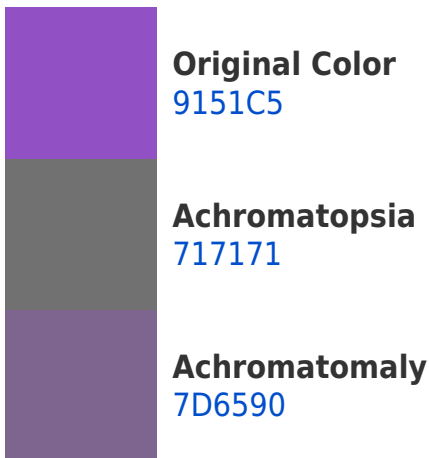


**Tritanopia**  
826870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9151C5 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 #9151C5 looks like.

```
.text, #text, p{  
    color:#9151C5  
}
```

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 #9151C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9151C5
}
```

## Border

The CSS property to change the border of an element to Hex 9151C5 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".

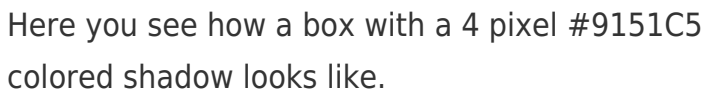
```
.border, #border, table{ border:4px solid
#9151C5 }
```

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

```
.border{ border-color:#9151C5 }
```

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

Here you see how a box with a 4 pixel #9151C5 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9151C5; -webkit-box-shadow:4px 4px  
4px 4px #9151C5; box-shadow:4px 4px 4px  
4px #9151C5 }
```

# Background

The CSS property to change the background color of an element to Hex 9151C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9151C5 }
```

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

```
.background{ background-color:#9151C5 }
```

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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