

# Converting Colors

Hex(9133BF)

Have a look what the booklet for  
Hex(9133BF) contains.

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# Color

Hex(9133BF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9133BF
RGB	145, 51, 191
RGB Percent	57%, 20%, 75%
CMY	0.4314, 0.8000, 0.2510
CMYK	0.24, 0.73, 0.00, 0.25
HSL	280°, 58%, 47%
HSV	280°, 73%, 75%
XYZ	22.2649, 12.1490, 50.4617
YIQ	95.0660, 11.0840, 63.4680

# Conversions

## Conversions Part 2

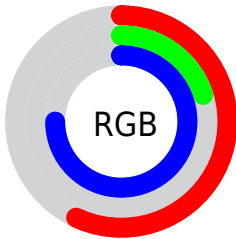
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 51, 191
Decimal	9515967
CIE <sub>Lab</sub>	41.45, 60.58, -55.72
CIE <sub>LCh</sub>	41, 82.311, 317.396
Yxy	12.1490, 0.2623, 0.1431
Android (android.graphics.Color)	4287706047 (0xFF9133BF)
YUV	95.0660, 47.2955, 43.7921
Hunter-Lab	34.8554, 53.0249, -61.4380

# Details

The Hex color **9133BF** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **61BF33**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **CB6AF8**, and **590088** is the 20% darker color. If you saturate the color by 10%, you get **8B20BF**, and if you desaturate by 10%, it is **9746BF**.

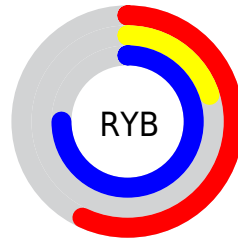
# Distribution



Red (57%)

Green (20%)

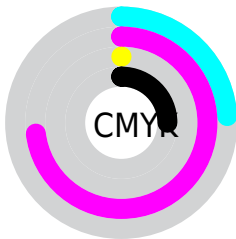
Blue (75%)



Red (57%)

Yellow (20%)

Blue (75%)

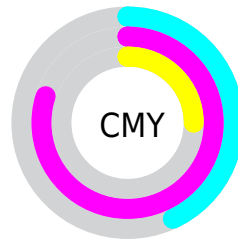


Cyan (24%)

Magenta (73%)

Yellow (0%)

Black (25%)



Cyan (43%)

Magenta (80%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9133BF 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 9133BF by changing the saturation by 10% instead.



9133BF

9133BF

FFFFFF

7511A3

CB6AF8

590088

E885FF

3D006E

FFA1FF

220055

FFBDFE

00003D

FFDAFF

000326

FFF7FF

00010F

000000

9133BF

9133BF

8B20BF

9746BF

840DBF

9E59BF

8000BF

A46CBF

AA7FBF

B093BF

B7A6BF

BDB9BF

C3CCBF

C9DFBF

# Harmonies

## Analogous

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



005EE6



9133BF



C70081

# Triad

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



9133BF



8F5500



007C89

# Complementary

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



9133BF



61BF33

# 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.



007B42



9133BF



536B00

# Square

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



9133BF



BB2900



007600



007BC6

# Rectangle

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



9133BF



D20055



007600



007C72



# Sweetspot

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



9133BF



E5C1F7



3362BF



725C7D



FCFCFC



7D7D7D



# Same Dimension

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



9133BF



B01EF7



BF33A8



5B555E



6A009E



15001F



# Inverse Universe

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



BF3361



F71E65



33BF4A



5E5558



9E0034



1F000A



# Previews

## White Background



This preview shows how the Hex color 9133BF 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

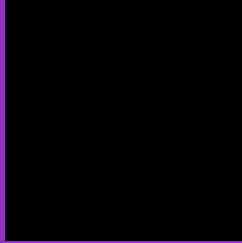
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9133BF Background



This preview shows how black text looks on a background with the Hex color 9133BF.

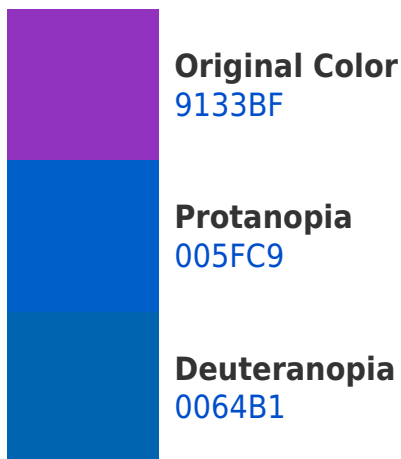



This preview shows how white text looks on a background with the Hex color 9133BF.

# 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](#).

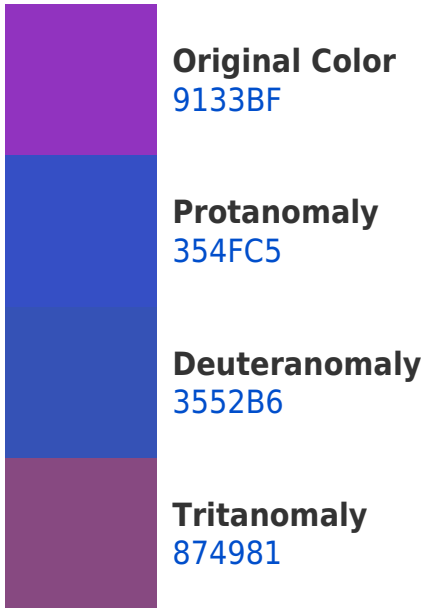
## Dichromacy



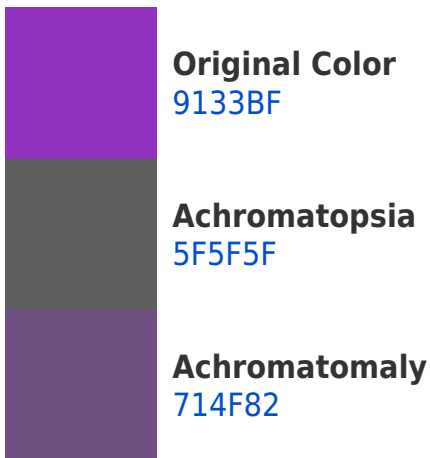


**Tritanopia**  
81565D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9133BF 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 #9133BF looks like.

```
.text, #text, p{  
    color:#9133BF  
}
```

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 #9133BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9133BF
}
```

## Border

The CSS property to change the border of an element to Hex 9133BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

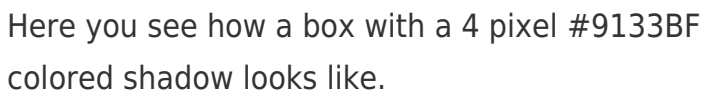
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9133BF }
```

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

```
.border{ border-color:#9133BF }
```

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



Here you see how a box with a 4 pixel #9133BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9133BF; -webkit-box-shadow:4px 4px  
4px 4px #9133BF; box-shadow:4px 4px 4px  
4px #9133BF }
```

# Background

The CSS property to change the background color of an element to Hex 9133BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9133BF }
```

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

```
.background{ background-color:#9133BF }
```

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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