

# Converting Colors

Hex(9150B4)

Have a look what the booklet for  
Hex(9150B4) contains.

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# Color

**Hex(9150B4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9150B4
RGB	145, 80, 180
RGB Percent	57%, 31%, 71%
CMY	0.4314, 0.6863, 0.2941
CMYK	0.19, 0.56, 0.00, 0.29
HSL	279°, 40%, 51%
HSV	279°, 56%, 71%
XYZ	22.7839, 15.0524, 44.8846
YIQ	110.8350, 6.6400, 44.8800

# Conversions

## Conversions Part 2

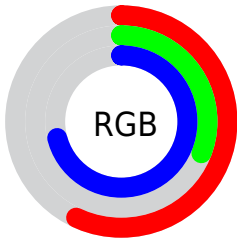
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 80, 180
Decimal	9523380
CIE <sub>Lab</sub>	45.71, 44.63, -42.46
CIE <sub>LCh</sub>	46, 61.597, 316.426
Yxy	15.0524, 0.2754, 0.1820
Android (android.graphics.Color)	4287713460 (0xFF9150B4)
YUV	110.8350, 34.0983, 29.9627
Hunter-Lab	38.7974, 36.9296, -41.4343

# Details

The Hex color **9150B4** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **73B450**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C984EC**, and **5B1D7F** is the 20% darker color. If you saturate the color by 10%, you get **8B3EB4**, and if you desaturate by 10%, it is **9762B4**.

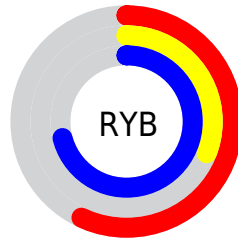
# Distribution



Red (57%)

Green (31%)

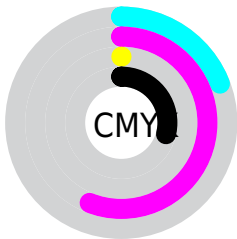
Blue (71%)



Red (57%)

Yellow (31%)

Blue (71%)

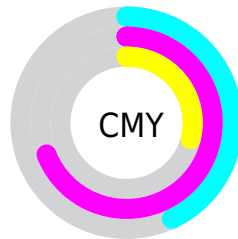


Cyan (19%)

Magenta (56%)

Yellow (0%)

Black (29%)



Cyan (43%)

Magenta (69%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9150B4 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 9150B4 by changing the saturation by 10% instead.



9150B4

9150B4

FFFFFF

763799

C984EC

5B1D7F

E69FFF

410065

FFBAFF

27004C

FFD6FF

0D0035

FFF3FF

00021F

000001

000000

9150B4

9150B4

8B3EB4

9762B4

842CB4

9E74B4

7E1AB4

A486B4

7808B4

AA98B4

7500B4

B1AAB4

B7BCB4

BDCEB4

C3E0B4

CAF2B4

# Harmonies

## Analogous

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



2969D0



9150B4



BC3686

# Triad

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



9150B4



966100



008388

# Complementary

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



9150B4



73B450

# 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.



008252



9150B4



687200

# Square

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



9150B4



B74922



257D1C



0081B6

# Rectangle

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



9150B4



C63063



257D1C



008376



# Sweetspot

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



9150B4



DDC3EB



5073B4



6D5E75



F5F5F5



757575



# Same Dimension

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



9150B4



B44DEB



B450A5



565059



630099



11001A



# Inverse Universe

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



B45073



EB4D84



50B45F



595053



990036



1A0009



# Previews

## White Background



This preview shows how the Hex color 9150B4 looks on a white background.

## Color Contrast Check

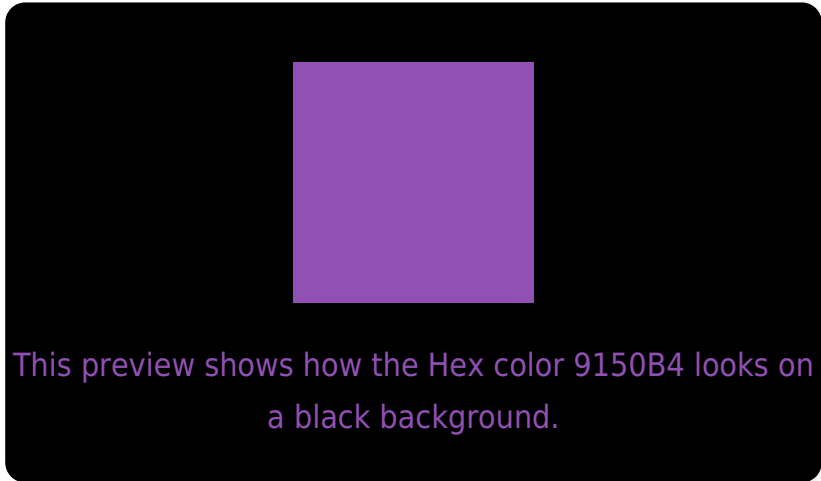
Large Text (above 18pt) WCAG AA ✓ Pass

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

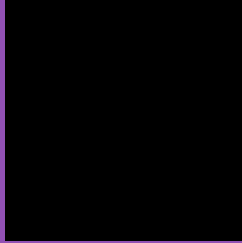
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9150B4 Background



This preview shows how black text looks on a background with the Hex color 9150B4.

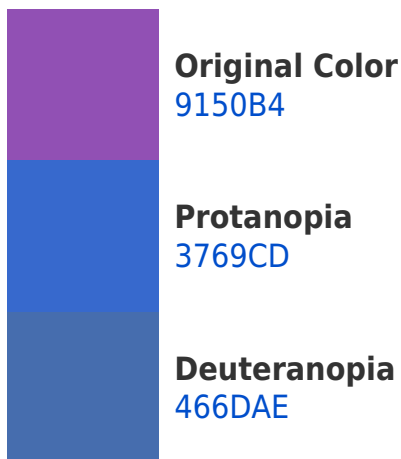


This preview shows how white text looks on a background with the Hex color 9150B4.

# 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](#).

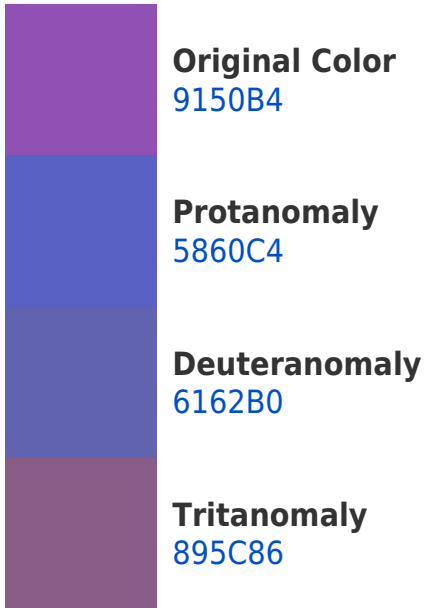
## Dichromacy



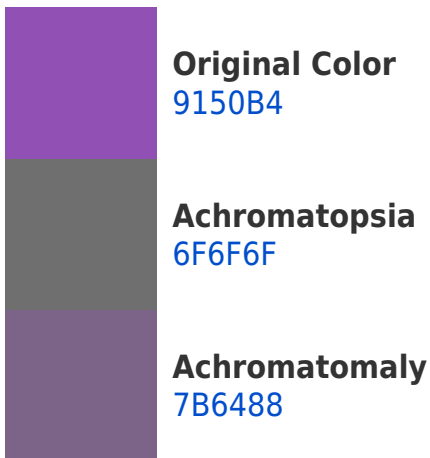


**Tritanopia**  
85636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9150B4 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 #9150B4 looks like.

```
.text, #text, p{  
    color:#9150B4  
}
```

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 #9150B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9150B4
}
```

## Border

The CSS property to change the border of an element to Hex 9150B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

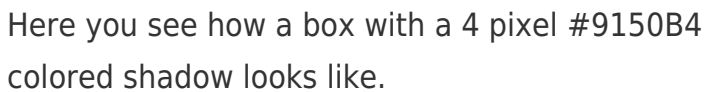
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9150B4 }
```

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

```
.border{ border-color:#9150B4 }
```

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



Here you see how a box with a 4 pixel #9150B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9150B4; -webkit-box-shadow:4px 4px  
4px 4px #9150B4; box-shadow:4px 4px 4px  
4px #9150B4 }
```

# Background

The CSS property to change the background color of an element to Hex 9150B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9150B4 }
```

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

```
.background{ background-color:#9150B4 }
```

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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