

# Converting Colors

Hex(9450B8)

Have a look what the booklet for  
Hex(9450B8) contains.

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# Color

**Hex(9450B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9450B8
RGB	148, 80, 184
RGB Percent	58%, 31%, 72%
CMY	0.4196, 0.6863, 0.2784
CMYK	0.20, 0.57, 0.00, 0.28
HSL	279°, 42%, 52%
HSV	279°, 57%, 72%
XYZ	23.7331, 15.4939, 47.0872
YIQ	112.1880, 7.1440, 46.7600

# Conversions

## Conversions Part 2

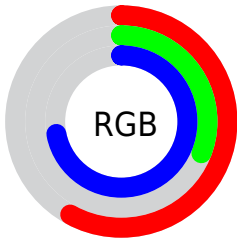
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 80, 184
Decimal	9719992
CIE <sub>Lab</sub>	46.30, 46.30, -43.82
CIE <sub>LCh</sub>	46, 63.755, 316.577
Yxy	15.4939, 0.2750, 0.1795
Android (android.graphics.Color)	4287910072 (0xFF9450B8)
YUV	112.1880, 35.4033, 31.4071
Hunter-Lab	39.3623, 38.7409, -43.3720

# Details

The Hex color **9450B8** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **74B850**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CC84F1**, and **5E1C82** is the 20% darker color. If you saturate the color by 10%, you get **8E3EB8**, and if you desaturate by 10%, it is **9A62B8**.

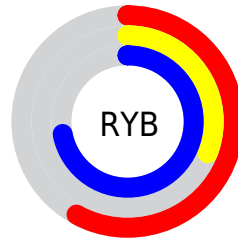
# Distribution



Red (58%)

Green (31%)

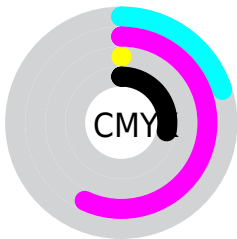
Blue (72%)



Red (58%)

Yellow (31%)

Blue (72%)

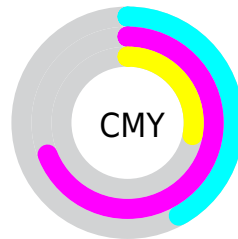


Cyan (20%)

Magenta (57%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (69%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9450B8 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 9450B8 by changing the saturation by 10% instead.



 9450B8

 9450B8

FFFFFF

 79379D

 CC84F1

 5E1C82

 E99FFF

 440069

 FFBBFF

 2A0050

 FFD7FF

 100038

 FFF4FF

 000222

 000007

 000000

 9450B8


 9450B8

 8E3EB8

 9A62B8

 872BB8

 A175B8

 8119B8

 A787B8

 7B06B8

 AD9AB8

 7800B8

 B4ACB8

 BABEB8

 C1D1B8

 C7E3B8

 CDF6B8

# Harmonies

## Analogous

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



246AD5



9450B8



C03488

# Triad

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



9450B8



986300



00858B

# Complementary

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



9450B8



74B850

# 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.



008453



9450B8



697400

# Square

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



9450B8



BB4920



217F1A



0083BB

# Rectangle

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



9450B8



CB2E64



217F1A



008578



# Sweetspot

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



9450B8



E2C7F0



5074B8



706078



F7F7F7



787878



# Same Dimension

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



9450B8



B74DF0



B850A8



59535C



66009C



12001C



# Inverse Universe

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



B85074



F04D85



50B860



5C5356



9C0036

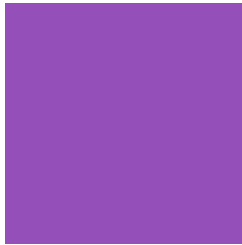


1C000A



# Previews

## White Background



This preview shows how the Hex color 9450B8 looks on a white background.

## Color Contrast Check

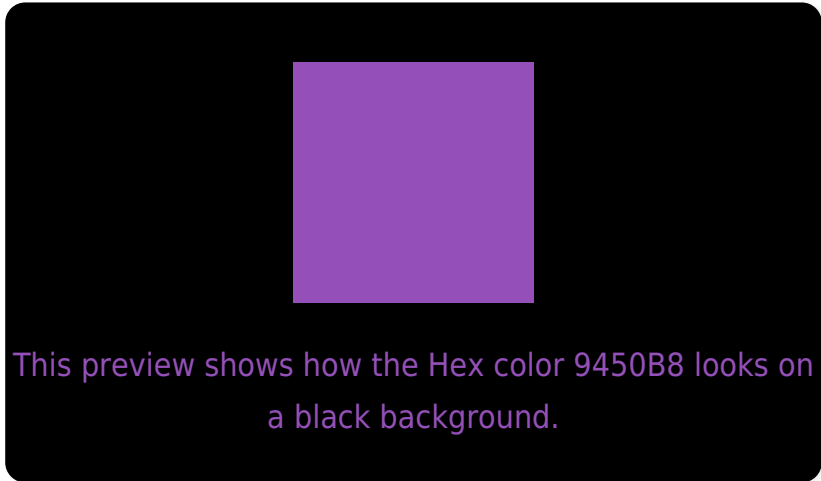
Large Text (above 18pt) WCAG AA ✓ Pass

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

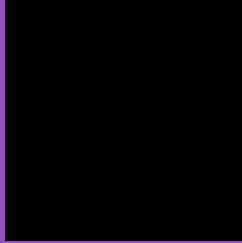
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9450B8 Background



This preview shows how black text looks on a background with the Hex color 9450B8.

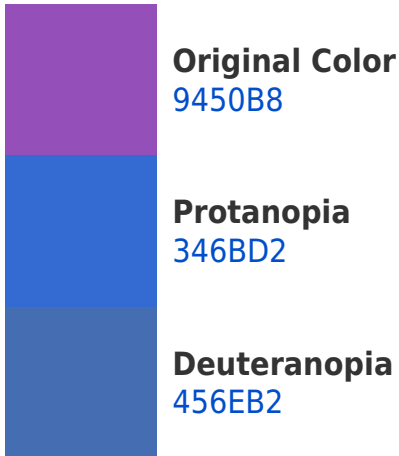



This preview shows how white text looks on a background with the Hex color 9450B8.

# 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](#).

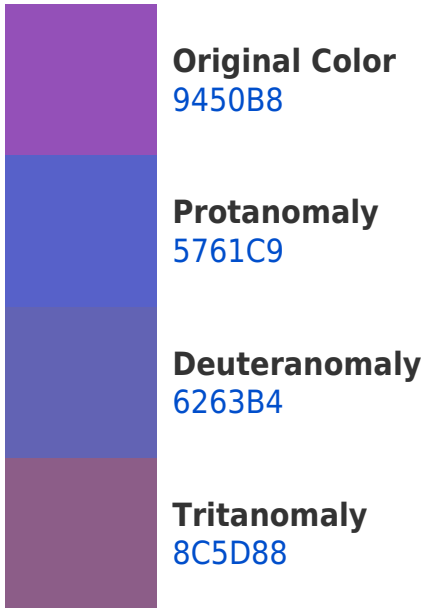
## Dichromacy



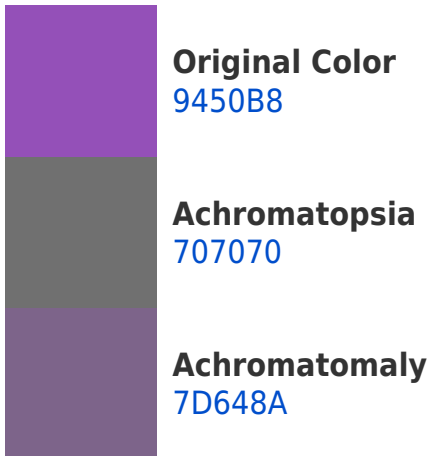


**Tritanopia**  
88646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9450B8 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 #9450B8 looks like.

```
.text, #text, p{  
  color:#9450B8  
}
```

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 #9450B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9450B8
}
```

## Border

The CSS property to change the border of an element to Hex 9450B8 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
#9450B8 }
```

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

```
.border{ border-color:#9450B8 }
```

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

Here you see how a box with a 4 pixel #9450B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9450B8; -webkit-box-shadow:4px 4px  
4px 4px #9450B8; box-shadow:4px 4px 4px  
4px #9450B8 }
```

# Background

The CSS property to change the background color of an element to Hex 9450B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9450B8 }
```

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

```
.background{ background-color:#9450B8 }
```

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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