

# Converting Colors

Hex(964AB1)

Have a look what the booklet for  
Hex(964AB1) contains.

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# Color

**Hex(964AB1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	964AB1
RGB	150, 74, 177
RGB Percent	59%, 29%, 69%
CMY	0.4118, 0.7098, 0.3059
CMYK	0.15, 0.58, 0.00, 0.31
HSL	284°, 41%, 49%
HSV	284°, 58%, 69%
XYZ	22.9623, 14.5559, 43.1943
YIQ	108.4660, 12.2330, 48.1450

# Conversions

## Conversions Part 2

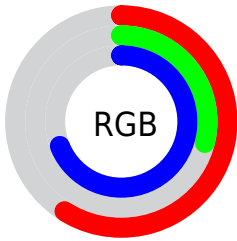
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 74, 177
Decimal	9849521
CIE <sub>Lab</sub>	45.02, 48.39, -41.75
CIE <sub>LCh</sub>	45, 63.911, 319.214
Yxy	14.5559, 0.2845, 0.1803
Android (android.graphics.Color)	4288039601 (0xFF964AB1)
YUV	108.4660, 33.7873, 36.4253
Hunter-Lab	38.1522, 40.6655, -40.4190

# Details

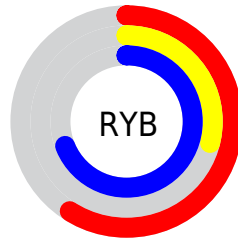
The Hex color **964AB1** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **65B14A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **CE7EE9**, and **60147C** is the 20% darker color. If you saturate the color by 10%, you get **9138B1**, and if you desaturate by 10%, it is **9B5CB1**.

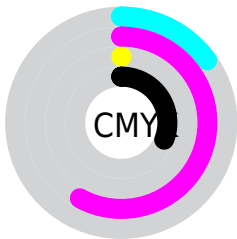
# Distribution



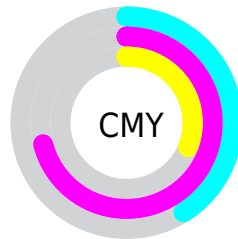
- Red (59%)
- Green (29%)
- Blue (69%)



- Red (59%)
- Yellow (29%)
- Blue (69%)



- Cyan (15%)
- Magenta (58%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (71%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 964AB1 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 964AB1 by changing the saturation by 10% instead.



 964AB1

 964AB1

FFFFFF

 7B3096

 CE7EE9

 60147C

 EB99FF

 460062

 FFB5FF

 2C004A

 FFD1FF

 120033

 FFEEFF

 00021C

 000000

 964AB1

 964AB1

 9138B1

 9B5CB1

8D27B1

9F6DB1

8815B1

A47FB1

8303B1

A991B1

8300B1

ADA3B1

B2B4B1

B6C6B1

BBD8B1

C0E9B1

# Harmonies

## Analogous

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



3365D0



964AB1



BF2E80

# Triad

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



964AB1



916100



00828C

# Complementary

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



964AB1



65B14A

# 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.



008155



964AB1



617200

# Square

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



964AB1



B54817



087C1B



007FBB

# Rectangle

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



964AB1



C7295C



087C1B



00827A



# Sweetspot

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



964AB1



DBBEE6



4A65B1



6D5C73



F2F2F2



737373



# Same Dimension

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



964AB1



BB45E6



B14A99



575059



710099



13001A



# Inverse Universe

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



B14A65



E6456F



4AB162



595053



990028

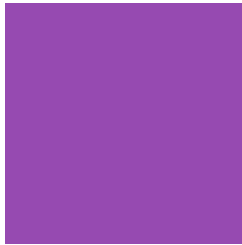


1A0007



# Previews

## White Background



This preview shows how the Hex color 964AB1 looks on a white background.

## Color Contrast Check

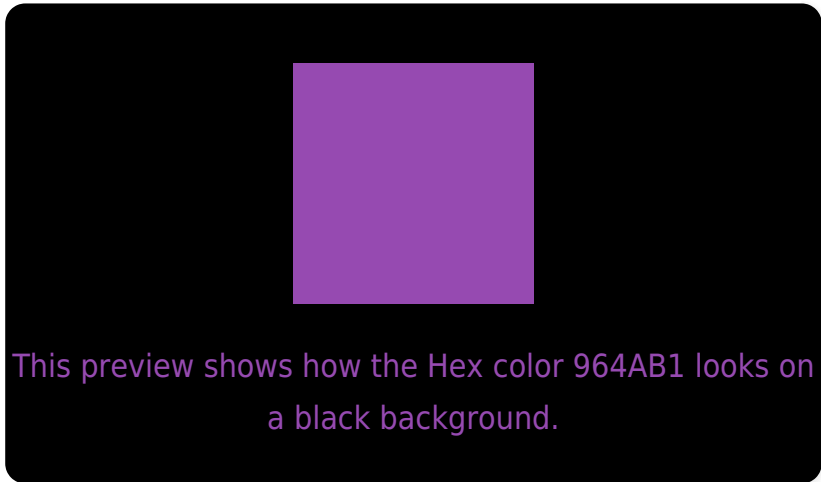
Large Text (above 18pt) WCAG AA ✓ Pass

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

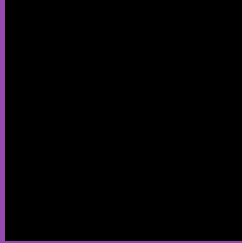
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 964AB1 Background



This preview shows how black text looks on a background with the Hex color 964AB1.

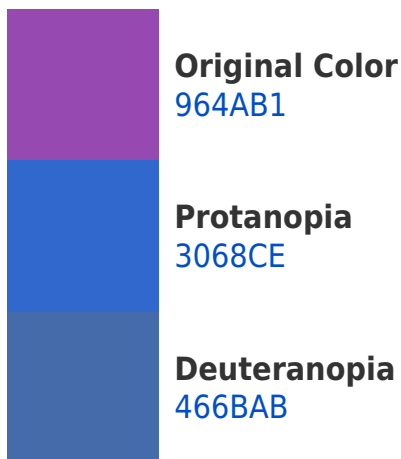


This preview shows how white text looks on a background with the Hex color 964AB1.

# 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](#).

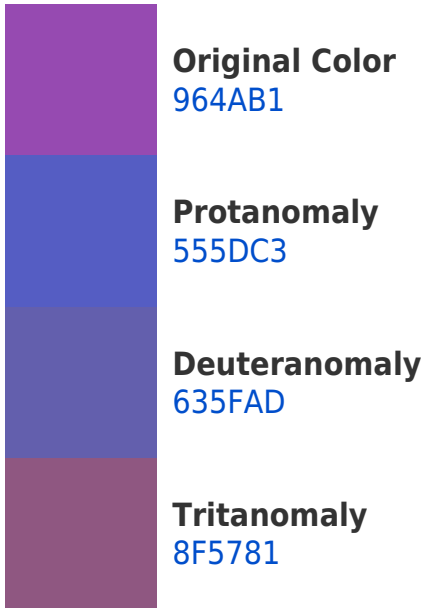
## Dichromacy



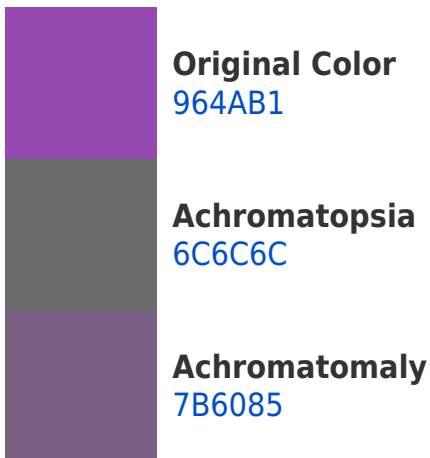


**Tritanopia**  
8B5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 964AB1 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 #964AB1 looks like.

```
.text, #text, p{  
    color:#964AB1  
}
```

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 #964AB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964AB1
}
```

## Border

The CSS property to change the border of an element to Hex 964AB1 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
#964AB1 }
```

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

```
.border{ border-color:#964AB1 }
```

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

Here you see how a box with a 4 pixel #964AB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964AB1; -webkit-box-shadow:4px 4px  
4px 4px #964AB1; box-shadow:4px 4px 4px  
4px #964AB1 }
```

# Background

The CSS property to change the background color of an element to Hex 964AB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964AB1 }
```

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

```
.background{ background-color:#964AB1 }
```

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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