

# Converting Colors

Hex(964B7D)

Have a look what the booklet for  
Hex(964B7D) contains.

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# Color

**Hex(964B7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	964B7D
RGB	150, 75, 125
RGB Percent	59%, 29%, 49%
CMY	0.4118, 0.7059, 0.5098
CMYK	0.00, 0.50, 0.17, 0.41
HSL	320°, 33%, 44%
HSV	320°, 50%, 59%
XYZ	18.7954, 12.9969, 20.9201
YIQ	103.1250, 28.6500, 31.4500

# Conversions

## Conversions Part 2

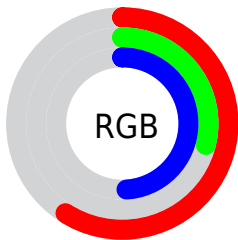
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 75, 125
Decimal	9849725
CIE Lab	42.76, 38.03, -14.10
CIE LCh	43, 40.560, 339.659
Yxy	12.9969, 0.3566, 0.2466
Android (android.graphics.Color)	4288039805 (0xFF964B7D)
YUV	103.1250, 10.7844, 41.1094
Hunter-Lab	36.0511, 29.9723, -9.1695

# Details

The Hex color **964B7D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4B9664**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **CE7EB2**, and **61184C** is the 20% darker color. If you saturate the color by 10%, you get **963C78**, and if you desaturate by 10%, it is **965A82**.

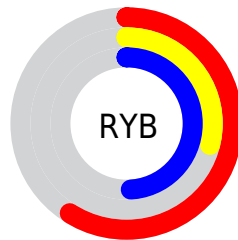
# Distribution



Red (59%)

Green (29%)

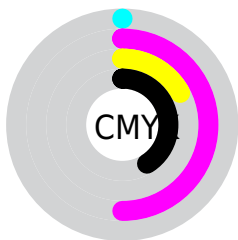
Blue (49%)



Red (59%)

Yellow (29%)

Blue (49%)

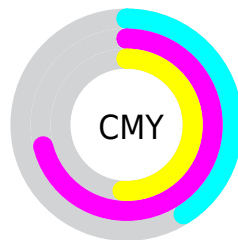


Cyan (0%)

Magenta (50%)

Yellow (17%)

Black (41%)



Cyan (41%)

Magenta (71%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 964B7D 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 964B7D by changing the saturation by 10% instead.



964B7D

964B7D

FFFFFF

7B3264

CE7EB2

61184C

EB99CD

470035

FFB4E9

300020

FFD0FF

0F0004

FFEDFF

000000

964B7D

964B7D

963C78

965A82

962D73

966987

961E6E

96788C

960F69

968791

960064

969696

96A59B

96B4A0

96C3A5

96D2AA

# Harmonies

## Analogous

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



755899



964B7D



A3475B

# Triad

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



964B7D



6D671E



00748F

# Complementary

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



964B7D



4B9664

# 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.



00756F



964B7D



496F2F

# Square

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



964B7D



8A5B24



03744C



006FA3

# Rectangle

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



964B7D



A14B46



03744C



007585



# Sweetspot

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



964B7D



C2A5B8



644B96



614F5B



E0E0E0



616161



# Same Dimension

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



964B7D



C24E9B



964B58



4A4347



8A005C



0A0007



# Inverse Universe

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



964B7D



C24E9B



4B968A



4A4347



8A005C

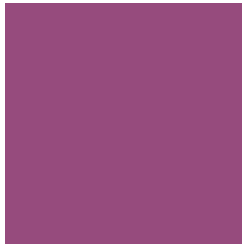


0A0007



# Previews

## White Background



This preview shows how the Hex color 964B7D looks on a white background.

## Color Contrast Check

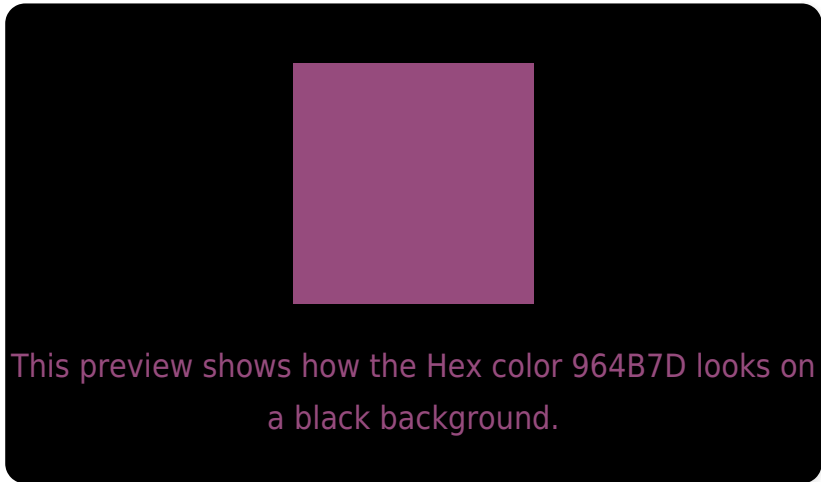
Large Text (above 18pt) WCAG AA ✓ Pass

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

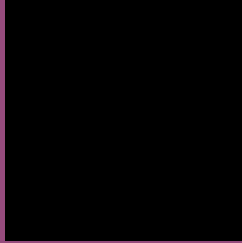
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 964B7D Background



This preview shows how black text looks on a background with the Hex color 964B7D.

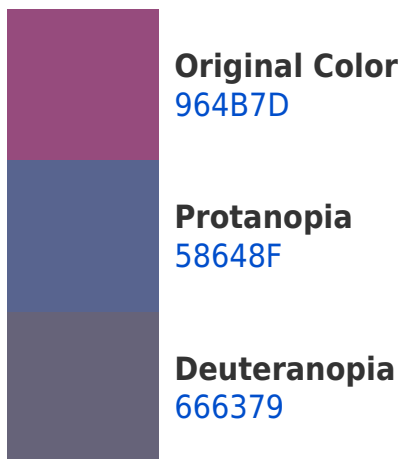


This preview shows how white text looks on a background with the Hex color 964B7D.

# 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](#).

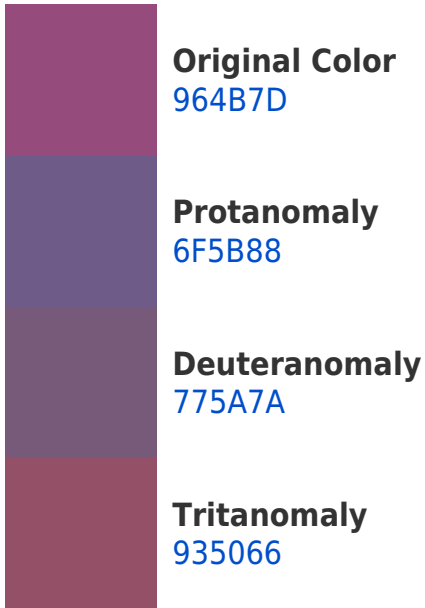
## Dichromacy





**Tritanopia**  
925359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 964B7D 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 #964B7D looks like.

```
.text, #text, p{  
    color:#964B7D  
}
```

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 #964B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964B7D
}
```

## Border

The CSS property to change the border of an element to Hex 964B7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

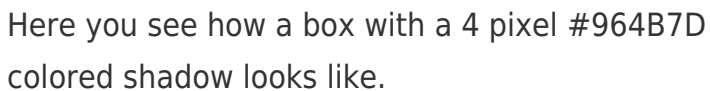
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#964B7D }
```

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

```
.border{ border-color:#964B7D }
```

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



Here you see how a box with a 4 pixel #964B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964B7D; -webkit-box-shadow:4px 4px  
4px 4px #964B7D; box-shadow:4px 4px 4px  
4px #964B7D }
```

# Background

The CSS property to change the background color of an element to Hex 964B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964B7D }
```

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

```
.background{ background-color:#964B7D }
```

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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