

# Converting Colors

Hex(944F94)

Have a look what the booklet for  
Hex(944F94) contains.

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# Color

**Hex(944F94)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	944F94
RGB	148, 79, 148
RGB Percent	58%, 31%, 58%
CMY	0.4196, 0.6902, 0.4196
CMYK	0.00, 0.47, 0.00, 0.42
HSL	300°, 30%, 45%
HSV	300°, 47%, 58%
XYZ	20.3540, 14.0260, 29.6515
YIQ	107.4970, 18.9750, 36.0870

# Conversions

## Conversions Part 2

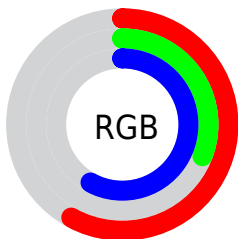
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 79, 148
Decimal	9719700
CIE Lab	44.27, 39.35, -25.72
CIE LCh	44, 47.015, 326.832
Yxy	14.0260, 0.3179, 0.2190
Android (android.graphics.Color)	4287909780 (0xFF944F94)
YUV	107.4970, 19.9680, 35.5211
Hunter-Lab	37.4513, 31.4714, -20.7261

# Details

The Hex color **944F94** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4F944F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CC82CA**, and **5F1D61** is the 20% darker color. If you saturate the color by 10%, you get **944094**, and if you desaturate by 10%, it is **945E94**.

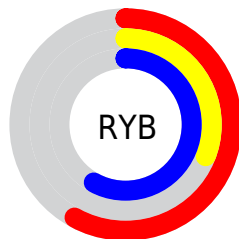
# Distribution



Red (58%)

Green (31%)

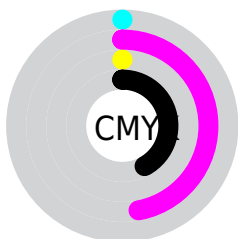
Blue (58%)



Red (58%)

Yellow (31%)

Blue (58%)

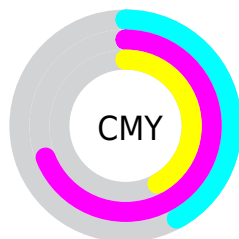


Cyan (0%)

Magenta (47%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (69%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 944F94 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 944F94 by changing the saturation by 10% instead.



944F94

944F94

FFFFFF

79367A

CC82CA

5F1D61

E89DE7

460049

FFB9FF

2E0032

FFD5FF

12001D

FFF2FF

000000

944F94

944F94

944094

945E94

943194

946D94

942394

947B94

941494

948A94

940594

949994

940094

94A894

94B794

94C594

94D494

# Harmonies

## Analogous

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



6160AF



944F94



AC446F

# Triad

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



944F94



806511



007B8B

# Complementary

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



944F94



4F944F

# 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.



007B63



944F94



5A711C

# Square

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



944F94



9E5627



22783C



0077AA

# Rectangle

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



944F94



B04554



22783C



007B7E



# Sweetspot

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



944F94



BFA4BF



4F4F94



615061



E0E0E0



616161



# Same Dimension

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



944F94



BF54BF



944F72



4A434A



8A008A



0A000A



# Inverse Universe

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



944F94



BF54BF



4F9472



4A434A



8A008A



0A000A



# Previews

## White Background



This preview shows how the Hex color 944F94 looks on a white background.

## Color Contrast Check

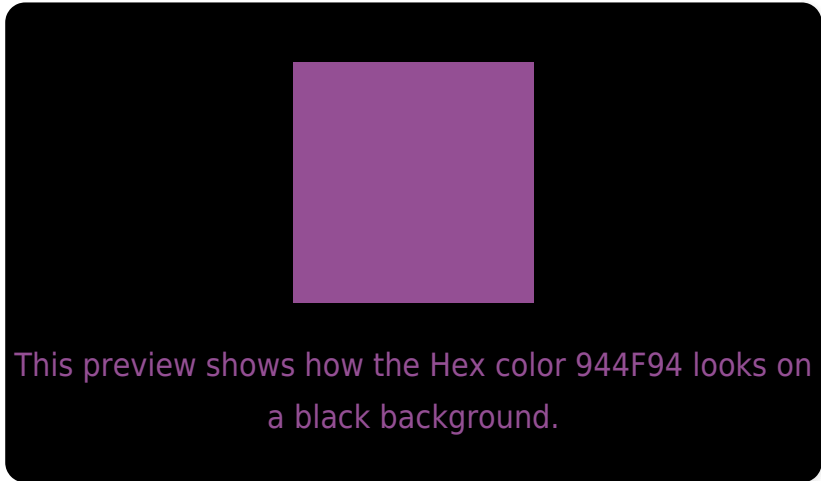
Large Text (above 18pt) WCAG AA ✓ Pass

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

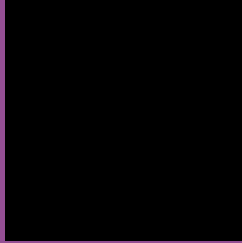
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 944F94 Background



This preview shows how black text looks on a background with the Hex color 944F94.



This preview shows how white text looks on a background with the Hex color 944F94.

# 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](#).

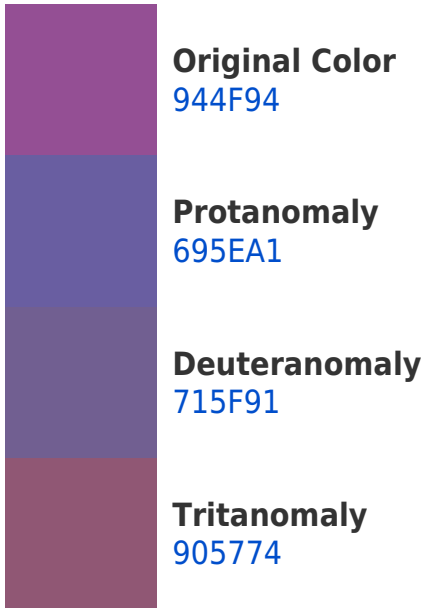
## Dichromacy



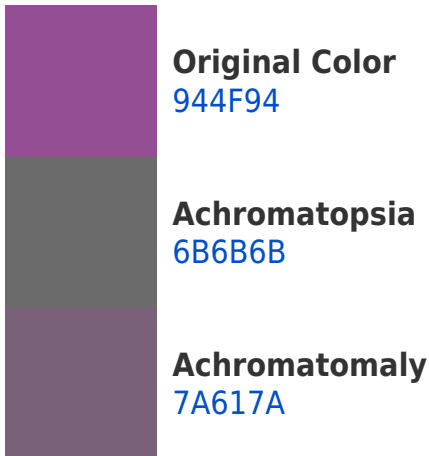


**Tritanopia**  
8E5B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 944F94 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 #944F94 looks like.

```
.text, #text, p{  
    color:#944F94  
}
```

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 #944F94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944F94  
}
```

## Border

The CSS property to change the border of an element to Hex 944F94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

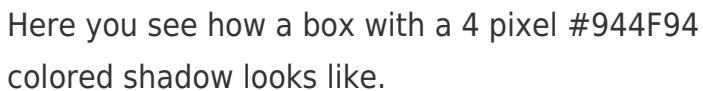
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#944F94 }
```

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

```
.border{ border-color:#944F94 }
```

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



Here you see how a box with a 4 pixel #944F94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944F94; -webkit-box-shadow:4px 4px  
4px 4px #944F94; box-shadow:4px 4px 4px  
4px #944F94 }
```

# Background

The CSS property to change the background color of an element to Hex 944F94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944F94 }
```

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

```
.background{ background-color:#944F94 }
```

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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