

# Converting Colors

Hex(91478D)

Have a look what the booklet for  
Hex(91478D) contains.

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# Color

**Hex(91478D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91478D
RGB	145, 71, 141
RGB Percent	57%, 28%, 55%
CMY	0.4314, 0.7216, 0.4471
CMYK	0.00, 0.51, 0.03, 0.43
HSL	303°, 34%, 42%
HSV	303°, 51%, 57%
XYZ	18.7380, 12.4493, 26.6147
YIQ	101.1060, 21.6340, 37.4580

# Conversions

## Conversions Part 2

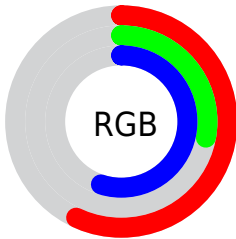
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 71, 141
Decimal	9521037
CIE <sub>Lab</sub>	41.92, 41.34, -25.19
CIE <sub>LCh</sub>	42, 48.409, 328.650
Yxy	12.4493, 0.3242, 0.2154
Android (android.graphics.Color)	4287711117 (0xFF91478D)
YUV	101.1060, 19.6677, 38.4950
Hunter-Lab	35.2836, 33.0496, -20.0244

# Details

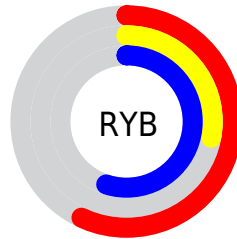
The Hex color **91478D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **47914B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C97AC3**, and **5C135A** is the 20% darker color. If you saturate the color by 10%, you get **91398C**, and if you desaturate by 10%, it is **91568E**.

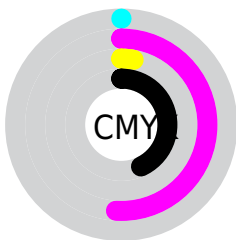
# Distribution



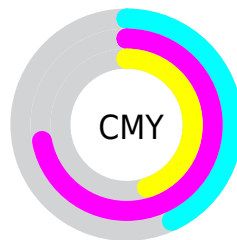
- Red (57%)
- Green (28%)
- Blue (55%)



- Red (57%)
- Yellow (28%)
- Blue (55%)



- Cyan (0%)
- Magenta (51%)
- Yellow (3%)
- Black (43%)



- Cyan (43%)
- Magenta (72%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91478D 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 91478D by changing the saturation by 10% instead.



91478D

91478D

FFFFFF

762E73

C97AC3

5C135A

E595DF

430043

FFB0FC

2D002C

FFCCFF

040017

FFE9FF

000000

91478D

91478D

91398C

91568E

912A8B

91648F

911C8B

91738F

910D8A

918190

910089

919091

919E92

91AD92

91BB93

91CA94

# Harmonies

## Analogous

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



5F59A9



91478D



A83B66

# Triad

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



91478D



786003



007588

# Complementary

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



91478D



47914B

# 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.



007560



91478D



516C13

# Square

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



91478D



96511D



0A7237



0071A7

# Rectangle

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



91478D



AA3D4C



0A7237



00767B



# Sweetspot

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



91478D



BDA0BB



4B4791



5E4D5D



DEDEDE



5E5E5E



# Same Dimension

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



91478D



BD4AB6



914768



474047



870080



080007



# Inverse Universe

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



91478D



BD4AB6



479170



474047



870080

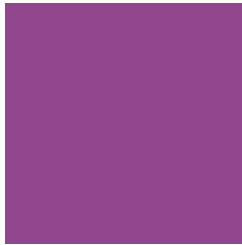


080007



# Previews

## White Background



This preview shows how the Hex color 91478D looks on a white background.

## Color Contrast Check

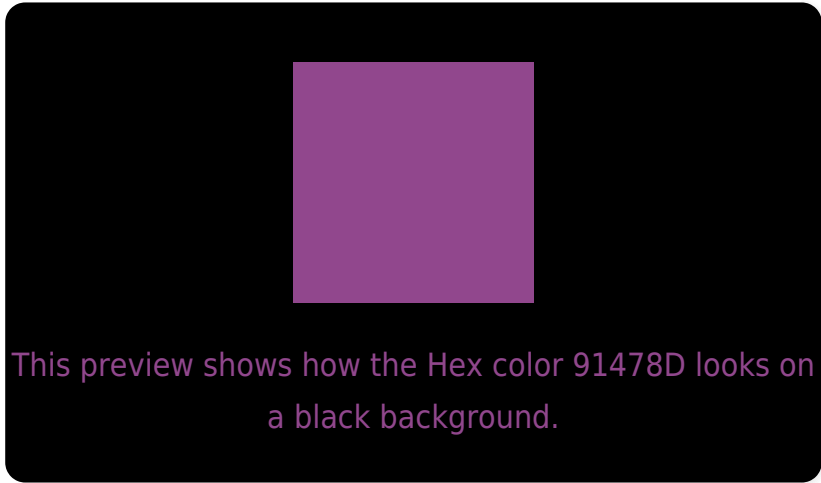
Large Text (above 18pt) WCAG AA ✓ Pass

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

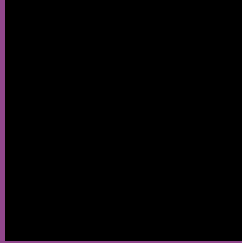
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 91478D Background



This preview shows how black text looks on a background with the Hex color 91478D.

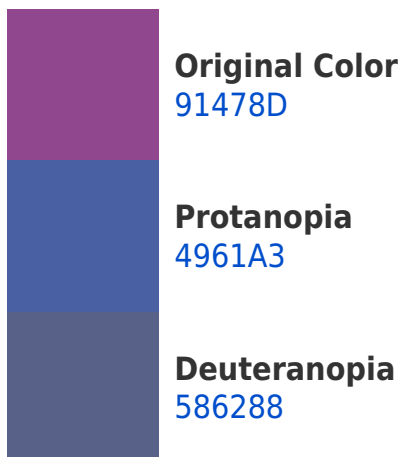



This preview shows how white text looks on a background with the Hex color 91478D.

# 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](#).

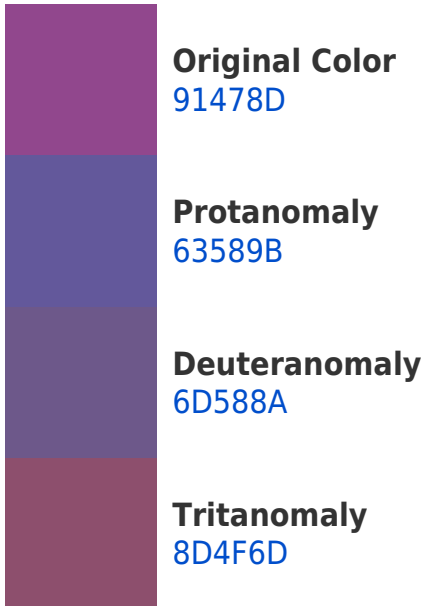
## Dichromacy



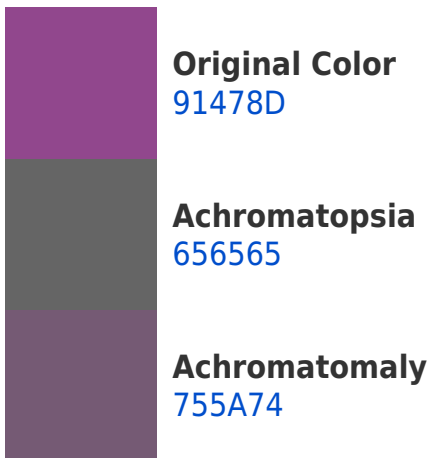


**Tritanopia**  
8B535A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91478D 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 #91478D looks like.

```
.text, #text, p{  
    color:#91478D  
}
```

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 #91478D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91478D
}
```

## Border

The CSS property to change the border of an element to Hex 91478D is called "border". The border property can be set on classes, ids or directly on the HTML element.

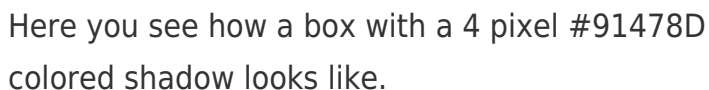
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91478D }
```

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

```
.border{ border-color:#91478D }
```

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



Here you see how a box with a 4 pixel #91478D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91478D; -webkit-box-shadow:4px 4px  
4px 4px #91478D; box-shadow:4px 4px 4px  
4px #91478D }
```

# Background

The CSS property to change the background color of an element to Hex 91478D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91478D }
```

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

```
.background{ background-color:#91478D }
```

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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