

# Converting Colors

Hex(92458B)

Have a look what the booklet for  
Hex(92458B) contains.

<b>Hex(92458B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(92458B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	92458B
RGB	146, 69, 139
RGB Percent	57%, 27%, 55%
CMY	0.4275, 0.7294, 0.4549
CMYK	0.00, 0.53, 0.05, 0.43
HSL	305°, 36%, 42%
HSV	305°, 53%, 57%
XYZ	18.6424, 12.2313, 25.8044
YIQ	100.0030, 23.4220, 38.0940

# Conversions

## Conversions Part 2

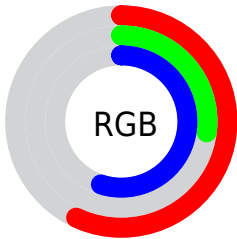
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 69, 139
Decimal	9586059
CIE <sub>Lab</sub>	41.58, 42.31, -24.49
CIE <sub>LCh</sub>	42, 48.888, 329.938
Yxy	12.2313, 0.3289, 0.2158
Android (android.graphics.Color)	4287776139 (0xFF92458B)
YUV	100.0030, 19.2255, 40.3394
Hunter-Lab	34.9733, 33.9455, -19.2647

# Details

The Hex color **92458B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **45924C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **CA79C1**, and **5D1059** is the 20% darker color. If you saturate the color by 10%, you get **92368A**, and if you desaturate by 10%, it is **92548C**.

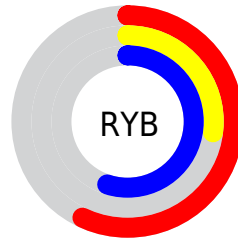
# Distribution



Red (57%)

Green (27%)

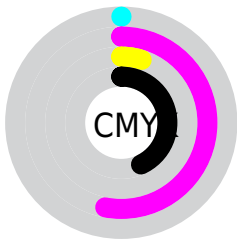
Blue (55%)



Red (57%)

Yellow (27%)

Blue (55%)

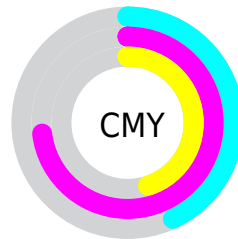


Cyan (0%)

Magenta (53%)

Yellow (5%)

Black (43%)



Cyan (43%)

Magenta (73%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92458B 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 92458B by changing the saturation by 10% instead.



92458B

92458B

FFFFFF

772C71

CA79C1

5D1059

E693DD

440041

FFAFF9

2D002B

FFCBFF

040015

FFE7FF

000000

92458B

92458B

92368A

92548C

922888

92628E

921987

92718F

920B86

927F90

920085

928E92

929D93

92AB94

92BA96

92C897

# Harmonies

## Analogous

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



6157A8



92458B



A83A64

# Triad

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



92458B



766000



007489

# Complementary

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



92458B



45924C

# 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.



007561



92458B



4E6B13

# Square

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



92458B



95501A



007238



0070A7

# Rectangle

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



92458B



AA3C49



007238



00757C



# Sweetspot

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



92458B



BD9FBA



4B4592



5E4C5D



DEDEDE



5E5E5E



# Same Dimension

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



92458B



BD46B2



924565



4A4349



8A007D



0A0009



# Inverse Universe

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



92458B



BD46B2



459272



4A4349



8A007D



0A0009



# Previews

## White Background



This preview shows how the Hex color 92458B looks on a white background.

## Color Contrast Check

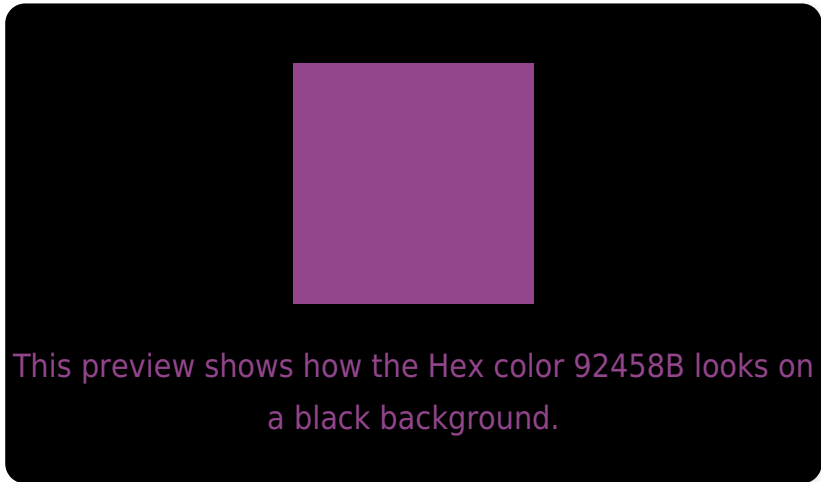
Large Text (above 18pt) WCAG AA ✓ Pass

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

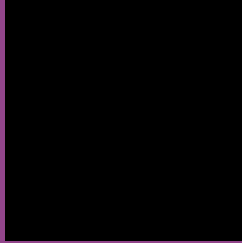
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 92458B Background



This preview shows how black text looks on a background with the Hex color 92458B.

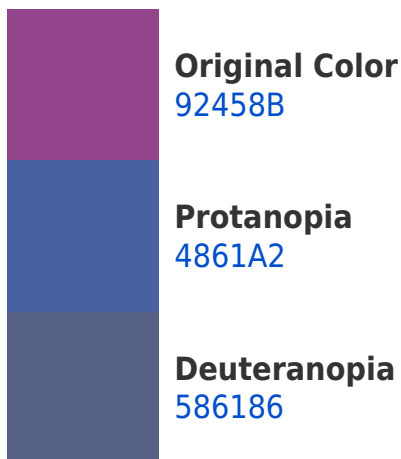



This preview shows how white text looks on a background with the Hex color 92458B.

# 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**  
8C5258

# Trichromacy



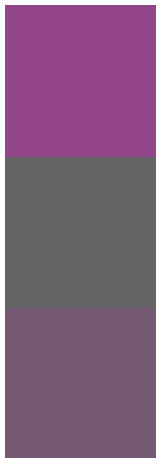
**Original Color**  
92458B

**Protanomaly**  
63579A

**Deuteranomaly**  
6D5788

**Tritanomaly**  
8E4D6B

# Monochromacy



**Original Color**  
92458B

**Achromatopsia**  
646464

**Achromatomaly**  
755972

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92458B 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 #92458B looks like.

```
.text, #text, p{  
    color:#92458B  
}
```

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 #92458B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92458B
}
```

## Border

The CSS property to change the border of an element to Hex 92458B is called "border". The border property can be set on classes, ids or directly on the HTML element.

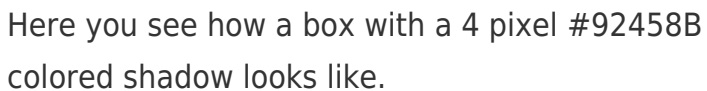
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#92458B }
```

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

```
.border{ border-color:#92458B }
```

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



Here you see how a box with a 4 pixel #92458B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92458B; -webkit-box-shadow:4px 4px  
4px 4px #92458B; box-shadow:4px 4px 4px  
4px #92458B }
```

# Background

The CSS property to change the background color of an element to Hex 92458B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92458B }
```

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

```
.background{ background-color:#92458B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor