

# Converting Colors

Hex(91648E)

Have a look what the booklet for  
Hex(91648E) contains.

<b>Hex(91648E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(91648E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91648E
RGB	145, 100, 142
RGB Percent	57%, 39%, 56%
CMY	0.4314, 0.6078, 0.4431
CMYK	0.00, 0.31, 0.02, 0.43
HSL	304°, 18%, 48%
HSV	304°, 31%, 57%
XYZ	21.1167, 17.0871, 27.7763
YIQ	118.2430, 13.3380, 22.6020

# Conversions

## Conversions Part 2

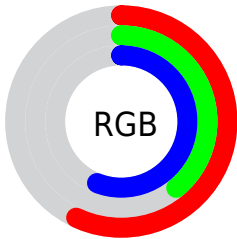
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	145, 100, 142
Decimal	9528462
CIE Lab	48.37, 25.38, -15.86
CIE LCh	48, 29.925, 327.991
Yxy	17.0871, 0.3200, 0.2590
Android (android.graphics.Color)	4287718542 (0xFF91648E)
YUV	118.2430, 11.7122, 23.4659
Hunter-Lab	41.3365, 18.8476, -10.9047

# Details

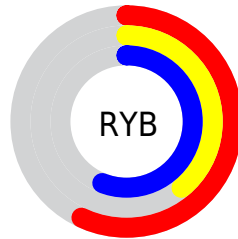
The Hex color **91648E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **649167**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **C897C4**, and **5E345C** is the 20% darker color. If you saturate the color by 10%, you get **91568D**, and if you desaturate by 10%, it is **91738F**.

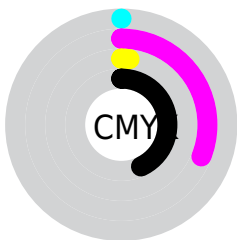
# Distribution



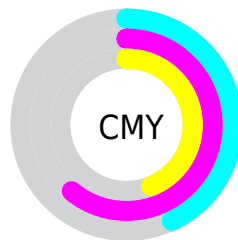
- Red (57%)
- Green (39%)
- Blue (56%)



- Red (57%)
- Yellow (39%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (43%)



- Cyan (43%)
- Magenta (61%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91648E 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 91648E by changing the saturation by 10% instead.



91648E

91648E

FFFFFF

774C74

C897C4

5E345C

E4B2E0

451E44

FFCEFC

2E072E

FFEAFF

190019

000000

91648E

91648E

91568D

91738F

91478C

918190

91398B

919091

912A8A

919E92

911B89

91AD93

910D88

91BB94

910087

91CA95

91D896

91E697

# Harmonies

## Analogous

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



736D9F



91648E



A15F76

# Triad

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



91648E



857140



00808A

# Complementary

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



91648E



649167

# 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.



288070



91648E



6B7845

# Square

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



91648E



996849



4D7E57



137C9D

# Rectangle

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



91648E



A45F64



4D7E57



008082



# Sweetspot

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



91648E



BDACBC



676491



5E545E



DEDEDE



5E5E5E



# Same Dimension

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



91648E



BD77B8



916478



474047



87007E



080007



# Inverse Universe

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



91648E



BD77B8



64917E



474047



87007E

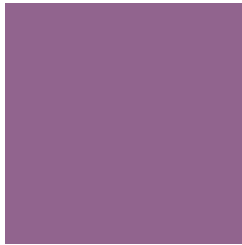


080007



# Previews

## White Background



This preview shows how the Hex color 91648E looks on a white background.

## Color Contrast Check

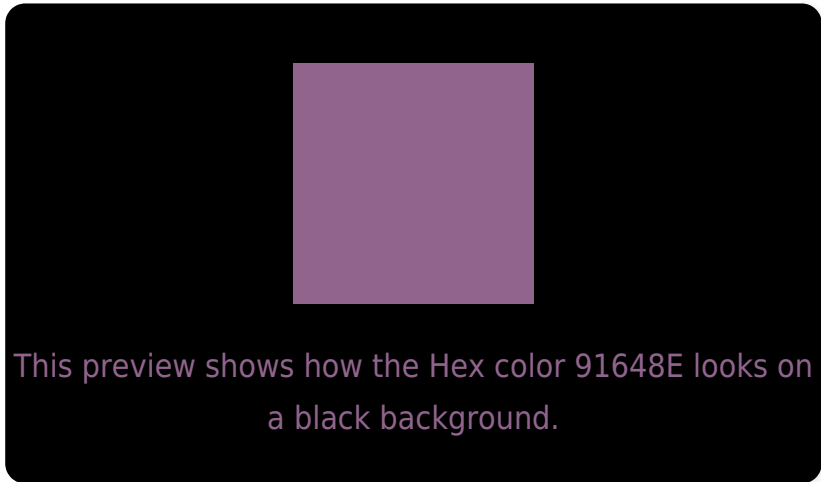
Large Text (above 18pt) WCAG AA ✓ Pass

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

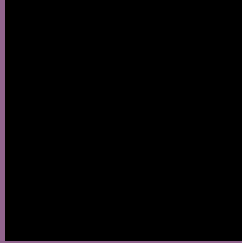
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 91648E Background



This preview shows how black text looks on a background with the Hex color 91648E.



This preview shows how white text looks on a background with the Hex color 91648E.

# 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**  
8D6972

# Trichromacy



**Original Color**  
91648E

**Protanomaly**  
786D94

**Deuteranomaly**  
7D6C8D

**Tritanomaly**  
8E677C

# Monochromacy



**Original Color**  
91648E

**Achromatopsia**  
767676

**Achromatomaly**  
806F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91648E 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 #91648E looks like.

```
.text, #text, p{  
    color:#91648E  
}
```

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 #91648E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91648E
}
```

## Border

The CSS property to change the border of an element to Hex 91648E is called "border". The border property can be set on classes, ids or directly on the HTML element.

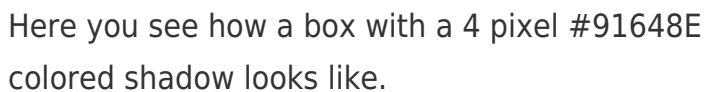
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91648E }
```

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

```
.border{ border-color:#91648E }
```

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



Here you see how a box with a 4 pixel #91648E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91648E; -webkit-box-shadow:4px 4px  
4px 4px #91648E; box-shadow:4px 4px 4px  
4px #91648E }
```

# Background

The CSS property to change the background color of an element to Hex 91648E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91648E }
```

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

```
.background{ background-color:#91648E }
```

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