

# Converting Colors

Hex(90428E)

Have a look what the booklet for  
Hex(90428E) contains.

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**Color**

**Hex(90428E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90428E
RGB	144, 66, 142
RGB Percent	56%, 26%, 56%
CMY	0.4353, 0.7412, 0.4431
CMYK	0.00, 0.54, 0.01, 0.44
HSL	302°, 37%, 41%
HSV	302°, 54%, 56%
XYZ	18.3323, 11.7787, 26.8985
YIQ	97.9860, 22.0920, 40.1720

# Conversions

## Conversions Part 2

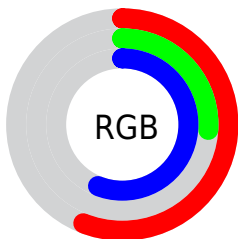
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 66, 142
Decimal	9454222
CIE <sub>Lab</sub>	40.86, 43.79, -27.45
CIE <sub>LCh</sub>	41, 51.687, 327.915
Yxy	11.7787, 0.3216, 0.2066
Android (android.graphics.Color)	4287644302 (0xFF90428E)
YUV	97.9860, 21.6989, 40.3543
Hunter-Lab	34.3201, 35.2866, -22.4446

# Details

The Hex color **90428E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **429044**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **C876C4**, and **5B0A5B** is the 20% darker color. If you saturate the color by 10%, you get **90348E**, and if you desaturate by 10%, it is **90508E**.

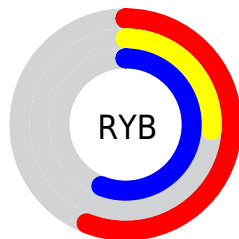
# Distribution



Red (56%)

Green (26%)

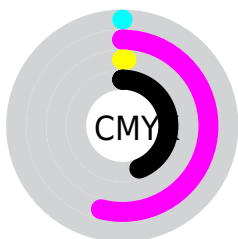
Blue (56%)



Red (56%)

Yellow (26%)

Blue (56%)

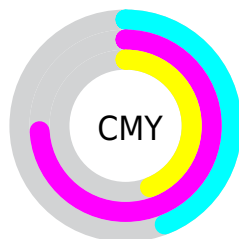


Cyan (0%)

Magenta (54%)

Yellow (1%)

Black (44%)



Cyan (44%)

Magenta (74%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90428E 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 90428E by changing the saturation by 10% instead.



 90428E

 90428E

FFFFFF

 752874

 C876C4

 5B0A5B

 E490E0

 420043

 FFACFD

 2C002D

 FFC8FF

 000017

 FFE4FF

 000000

 90428E

 90428E

 90348E

 90508E

 90258D

 905F8F

 90178D

 906D8F

 90088D

 907C8F

 90008C

 908A90

 909890

 90A791

 90B591

 90C491

# Harmonies

## Analogous

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



5856AC



90428E



A93465

# Triad

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



90428E



775D00



007387

# Complementary

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



90428E



429044

# 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.



00735C



90428E



4D6904

# Square

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



90428E



964C15



007030



0070A8

# Rectangle

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



90428E



AB3649



007030



007479



# Sweetspot

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



90428E



BA9CB9



434290



5E4C5E



DEDEDE



5E5E5E



# Same Dimension

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



90428E



BA41B7



904268



474047



870084



080007



# Inverse Universe

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



90428E



BA41B7



42906A



474047



870084

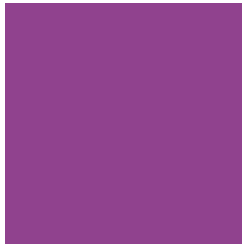


080007



# Previews

## White Background



This preview shows how the Hex color 90428E looks on a white background.

## Color Contrast Check

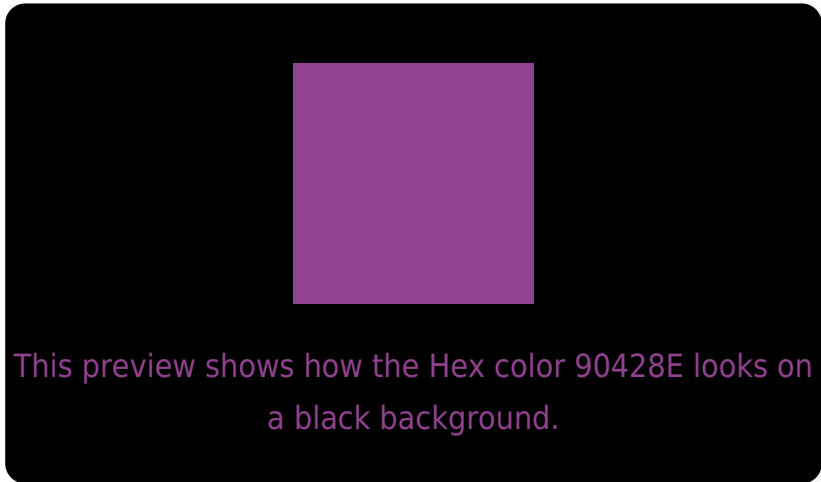
Large Text (above 18pt) WCAG AA ✓ Pass

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

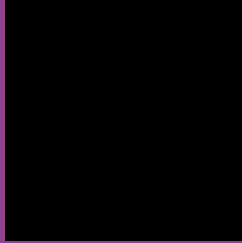
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 90428E Background



This preview shows how black text looks on a background with the Hex color 90428E.

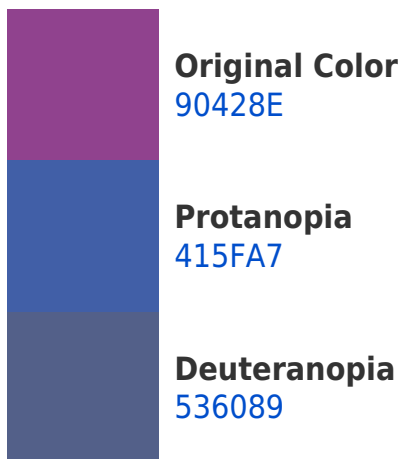



This preview shows how white text looks on a background with the Hex color 90428E.

# 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**  
895056

# Trichromacy



**Original Color**  
90428E



**Protanomaly**  
5E549E



**Deuteranomaly**  
69558B



**Tritanomaly**  
8C4B6A

# Monochromacy



**Original Color**  
90428E



**Achromatopsia**  
626262



**Achromatomaly**  
735672

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90428E 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 #90428E looks like.

```
.text, #text, p{  
    color:#90428E  
}
```

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 #90428E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90428E
}
```

## Border

The CSS property to change the border of an element to Hex 90428E is called "border". The border property can be set on classes, ids or directly on the HTML element.

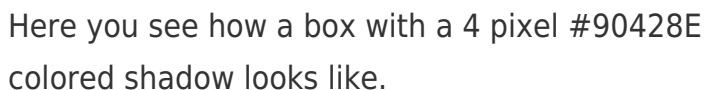
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90428E }
```

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

```
.border{ border-color:#90428E }
```

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



Here you see how a box with a 4 pixel #90428E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90428E; -webkit-box-shadow:4px 4px  
4px 4px #90428E; box-shadow:4px 4px 4px  
4px #90428E }
```

# Background

The CSS property to change the background color of an element to Hex 90428E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90428E }
```

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

```
.background{ background-color:#90428E }
```

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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