

# Converting Colors

Hex(90034E)

Have a look what the booklet for  
Hex(90034E) contains.

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**Color**

**Hex(90034E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90034E
RGB	144, 3, 78
RGB Percent	56%, 1%, 31%
CMY	0.4353, 0.9882, 0.6941
CMYK	0.00, 0.98, 0.46, 0.44
HSL	328°, 96%, 29%
HSV	328°, 98%, 56%
XYZ	12.9093, 6.5445, 7.7905
YIQ	53.7090, 59.9610, 53.2170

# Conversions

## Conversions Part 2

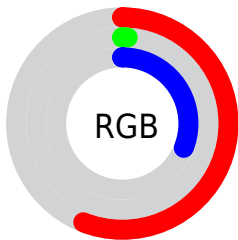
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 3, 78
Decimal	9438030
CIELab	30.75, 55.52, -2.43
CIELCh	31, 55.574, 357.492
Yxy	6.5445, 0.4738, 0.2402
Android (android.graphics.Color)	4287628110 (0xFF90034E)
YUV	53.7090, 11.9755, 79.1852
Hunter-Lab	25.5822, 45.3061, -0.1481

# Details

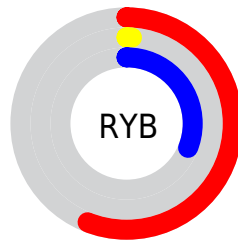
The Hex color **90034E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **039045**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **CA4A7F**, and **570022** is the 20% darker color. If you saturate the color by 10%, you get **90004D**, and if you desaturate by 10%, it is **901155**.

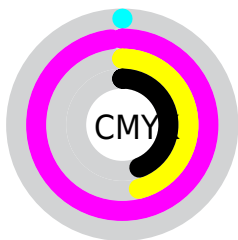
# Distribution



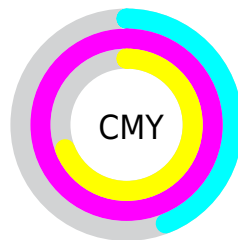
- Red (56%)
- Green (1%)
- Blue (31%)



- Red (56%)
- Yellow (1%)
- Blue (31%)



- Cyan (0%)
- Magenta (98%)
- Yellow (46%)
- Black (44%)



- Cyan (44%)
- Magenta (99%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90034E 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 90034E by changing the saturation by 10% instead.



 90034E

 90034E

FFFFFF

 730037

 CA4A7F

 570022

 E86699

 3E000B

 FF81B3

 1D0001

 FF9DCF

 000000

 FFBAEB

 FFD6FF

 FFF4FF

 90034E

 90034E

■ 90004D

■ 901155

■ 90205B

■ 902E62

■ 903D69

■ 904B70

■ 905976

■ 90687D

■ 907684

■ 90858B

# Harmonies

## Analogous

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



772478



90034E



901523

# Triad

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



90034E



325100



005892

# Complementary

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



90034E



039045

# 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.



005B70



90034E



005714

# Square

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



90034E



5D4500



005A43



004FA0

# Rectangle

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



90034E



842904



005A43



005988



# Sweetspot

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



90034E



BA84A1



450390



5E3D4F



DEDEDE



5E5E5E



# Same Dimension

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



90034E



BA0063



900308



474044



870048



080004



# Inverse Universe

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



90034E



BA0063



03908B



474044



870048



080004



# Previews

## White Background



This preview shows how the Hex color 90034E looks on a white background.

## Color Contrast Check

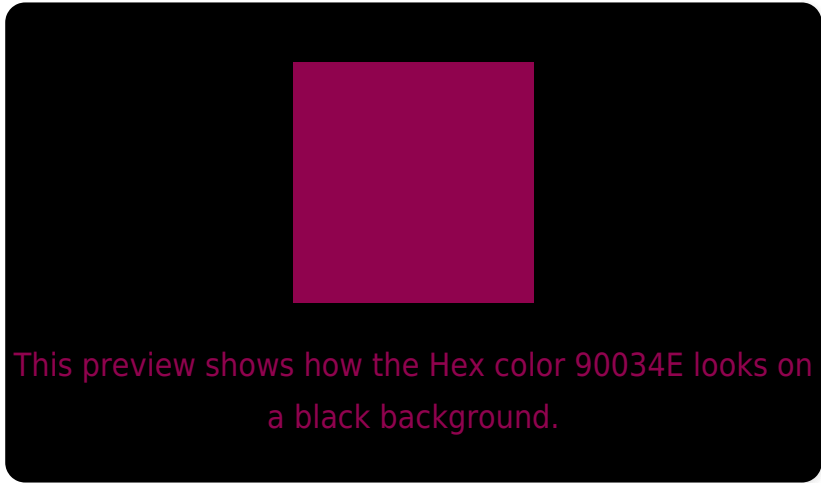
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 90034E Background



This preview shows how black text looks on a background with the Hex color 90034E.

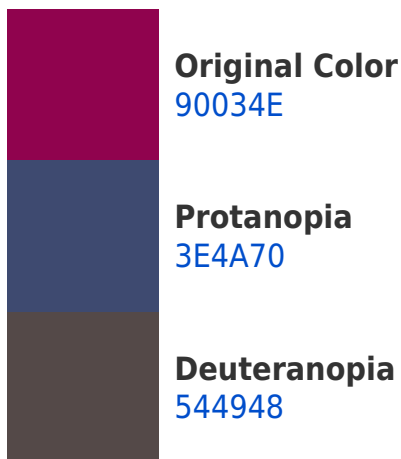


This preview shows how white text looks on a background with the Hex color 90034E.

# 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**  
8E1F1F

# Trichromacy



**Original Color**  
90034E

**Protanomaly**  
5C3064

**Deuteranomaly**  
6A304A

**Tritanomaly**  
8F1530

# Monochromacy



**Original Color**  
90034E

**Achromatopsia**  
363636

**Achromatomaly**  
57233F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90034E 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 #90034E looks like.

```
.text, #text, p{  
    color:#90034E  
}
```

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 #90034E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90034E
}
```

## Border

The CSS property to change the border of an element to Hex 90034E is called "border". The border property can be set on classes, ids or directly on the HTML element.

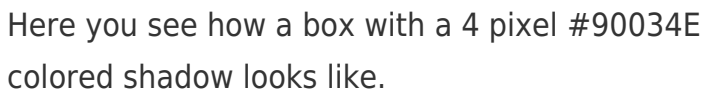
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90034E }
```

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

```
.border{ border-color:#90034E }
```

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



Here you see how a box with a 4 pixel #90034E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90034E; -webkit-box-shadow:4px 4px  
4px 4px #90034E; box-shadow:4px 4px 4px  
4px #90034E }
```

# Background

The CSS property to change the background color of an element to Hex 90034E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90034E }
```

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

```
.background{ background-color:#90034E }
```

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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