

# Converting Colors

Hex(59134E)

Have a look what the booklet for  
Hex(59134E) contains.

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# Color

**Hex(59134E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59134E
RGB	89, 19, 78
RGB Percent	35%, 7%, 31%
CMY	0.6510, 0.9255, 0.6941
CMYK	0.00, 0.79, 0.12, 0.65
HSL	309°, 65%, 21%
HSV	309°, 79%, 35%
XYZ	5.7278, 3.1397, 7.5118
YIQ	46.6560, 22.7810, 33.1890

# Conversions

## Conversions Part 2

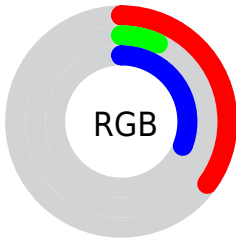
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 19, 78
Decimal	5837646
CIELab	20.59, 38.29, -18.93
CIElCh	21, 42.718, 333.691
Yxy	3.1397, 0.3497, 0.1917
Android (android.graphics.Color)	4284027726 (0xFF59134E)
YUV	46.6560, 15.4526, 37.1357
Hunter-Lab	17.7191, 26.6934, -12.7322




# Details

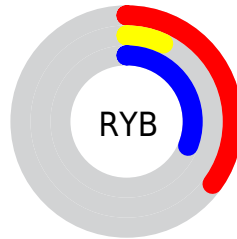
The Hex color **59134E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **13591E**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **8D467F**, and **2B0022** is the 20% darker color. If you saturate the color by 10%, you get **590A4D**, and if you desaturate by 10%, it is **591C4F**.

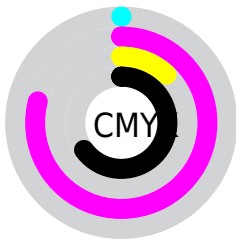
# Distribution







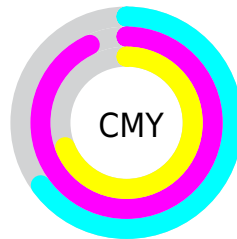
-  Red (35%)
-  Green (7%)
-  Blue (31%)






-  Red (35%)
-  Yellow (7%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (12%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (93%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59134E 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 59134E by changing the saturation by 10% instead.



 59134E

 59134E

FFFFFF

 400037

 8D467F

 2B0022

 A95F99

 000007

 C579B4

 000000

 E193D0

 FEA FEC

 FFCBFF

 FFE7FF

 59134E

 59134E

■ 590A4D

■ 591C4F

■ 59014B

■ 592551

■ 59004B

■ 592E52

■ 593754

■ 594055

■ 594856

■ 595158

■ 595A59

■ 59635B

# Harmonies

## Analogous

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



342766



59134E



67032F

# Triad

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



59134E



3B3200



003F54

# Complementary

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



59134E



13591E

# 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.



003F35



59134E



1B3900

# Square

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



59134E



542500



003D13



003C6A

# Rectangle

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



59134E



660B1B



003D13



003F4A



# Sweetspot

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



59134E



73576E



1E1359



3B2A38



BABABA



3B3B3B



# Same Dimension

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



59134E



730762



59132B



2B272B



6B005A



EB00C6



# Inverse Universe

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



59134E



730762



135940



2B272B



6B005A

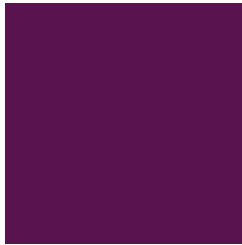


EB00C6



# Previews

## White Background



This preview shows how the Hex color 59134E looks on a white background.

## Color Contrast Check

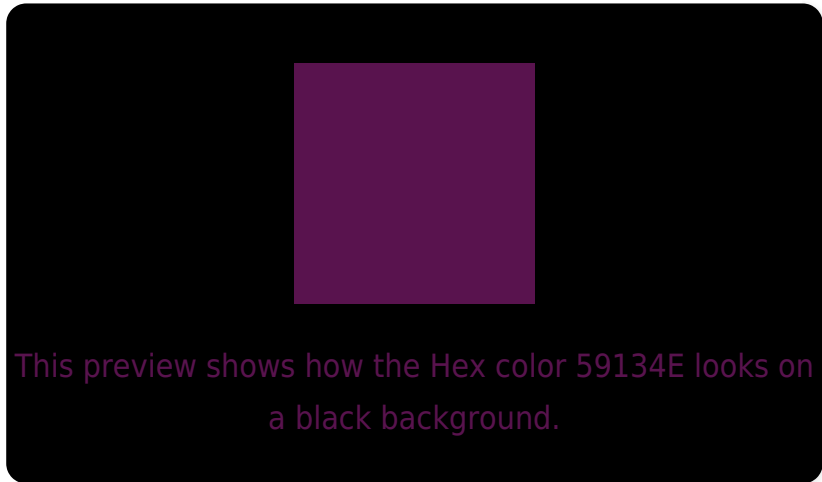
Large Text (above 18pt) WCAG AA ✓ Pass

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

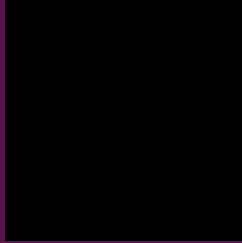
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59134E Background



This preview shows how black text looks on a background with the Hex color 59134E.



This preview shows how white text looks on a background with the Hex color 59134E.

# 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



**Original Color**  
59134E

**Protanopia**  
0B3268

**Deuteranopia**  
2B334A



**Tritanopia**  
552225

# Trichromacy



**Original Color**  
59134E

**Protanomaly**  
27275F

**Deuteranomaly**  
3C274B

**Tritanomaly**  
561D34

# Monochromacy



**Original Color**  
59134E

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
3E253A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59134E 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 #59134E looks like.

```
.text, #text, p{  
    color:#59134E  
}
```

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 #59134E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59134E
}
```

## Border

The CSS property to change the border of an element to Hex 59134E is called "border". The border property can be set on classes, ids or directly on the HTML element.

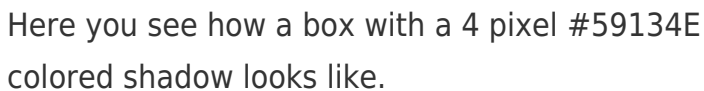
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59134E }
```

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

```
.border{ border-color:#59134E }
```

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



Here you see how a box with a 4 pixel #59134E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59134E; -webkit-box-shadow:4px 4px  
4px 4px #59134E; box-shadow:4px 4px 4px  
4px #59134E }
```

# Background

The CSS property to change the background color of an element to Hex 59134E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59134E }
```

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

```
.background{ background-color:#59134E }
```

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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