

# Converting Colors

Hex(5E1E44)

Have a look what the booklet for  
Hex(5E1E44) contains.

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# Color

**Hex(5E1E44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E1E44
RGB	94, 30, 68
RGB Percent	37%, 12%, 27%
CMY	0.6314, 0.8824, 0.7333
CMYK	0.00, 0.68, 0.28, 0.63
HSL	324°, 52%, 24%
HSV	324°, 68%, 37%
XYZ	6.1238, 3.7256, 5.8652
YIQ	53.4680, 25.9460, 25.3860

# Conversions

## Conversions Part 2

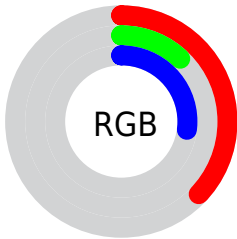
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 30, 68
Decimal	6168132
CIE Lab	22.74, 33.45, -8.74
CIE LCh	23, 34.573, 345.365
Yxy	3.7256, 0.3897, 0.2371
Android (android.graphics.Color)	4284358212 (0xFF5E1E44)
YUV	53.4680, 7.1643, 35.5466
Hunter-Lab	19.3018, 22.8535, -4.5051

# Details

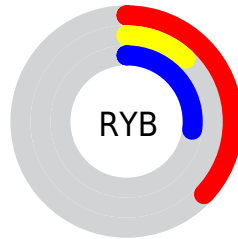
The Hex color **5E1E44** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E5E38**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **934F74**, and **2E0019** is the 20% darker color. If you saturate the color by 10%, you get **5E1540**, and if you desaturate by 10%, it is **5E2748**.

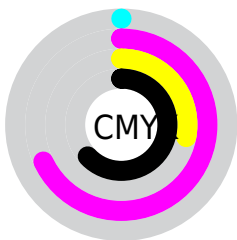
# Distribution



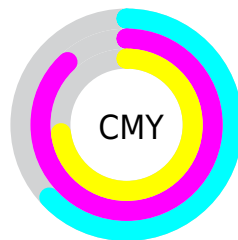
- Red (37%)
- Green (12%)
- Blue (27%)



- Red (37%)
- Yellow (12%)
- Blue (27%)



- Cyan (0%)
- Magenta (68%)
- Yellow (28%)
- Black (63%)



- Cyan (63%)
- Magenta (88%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E1E44 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 5E1E44 by changing the saturation by 10% instead.



 5E1E44

 5E1E44

FFFFFF

 45032E

 934F74

 2E0019

 AE688E

 060000

 CA82A8

 000000

 E79CC3

 FFB8DF

 FFD4FC

 FFF0FF

 5E1E44

 5E1E44

■ 5E1540

■ 5E2748

■ 5E0B3C

■ 5E314C

■ 5E0239

■ 5E3A4F

■ 5E0038

■ 5E4453

■ 5E4D57

■ 5E565B

■ 5E605F

■ 5E6963

■ 5E7366

# Harmonies

## Analogous

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



48295B



5E1E44



641C2A

# Triad

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



5E1E44



373900



00415B

# Complementary

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



5E1E44



1E5E38

# 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.



004243



5E1E44



173F0F

# Square

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



5E1E44



4D3000



004128



003D68

# Rectangle

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



5E1E44



61221A



004128



004254



# Sweetspot

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



5E1E44



7A6270



381E5E



3D2F37



BDBDBD



3D3D3D



# Same Dimension

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



5E1E44



7A1652



5E1E24



2E292C



6E0041



ED008D



# Inverse Universe

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



5E1E44



7A1652



1E5E58



2E292C



6E0041

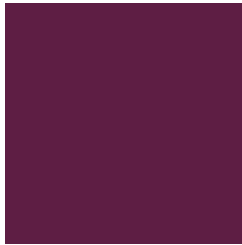


ED008D



# Previews

## White Background



This preview shows how the Hex color 5E1E44 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

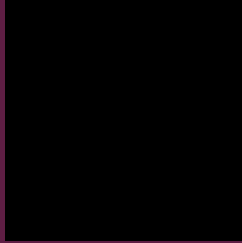
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E1E44 Background



This preview shows how black text looks on a background with the Hex color 5E1E44.



This preview shows how white text looks on a background with the Hex color 5E1E44.

# 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**  
5E1E44

**Protanopia**  
2C3756

**Deuteranopia**  
393641



**Tritanopia**  
5C2528

# Trichromacy



**Original Color**

5E1E44

**Protanomaly**

3E2E4F

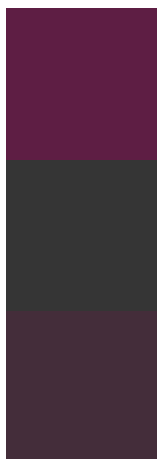
**Deuteranomaly**

462D42

**Tritanomaly**

5D2232

# Monochromacy



**Original Color**

5E1E44

**Achromatopsia**

353535

**Achromatomaly**

442D3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E1E44 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 #5E1E44 looks like.

```
.text, #text, p{  
    color:#5E1E44  
}
```

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 #5E1E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1E44  
}
```

## Border

The CSS property to change the border of an element to Hex 5E1E44 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".

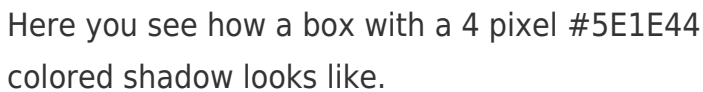
```
.border, #border, table{ border:4px solid  
#5E1E44 }
```

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

```
.border{ border-color:#5E1E44 }
```

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

Here you see how a box with a 4 pixel #5E1E44 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. The shadow is a thick dark purple line that follows the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1E44; -webkit-box-shadow:4px 4px  
4px 4px #5E1E44; box-shadow:4px 4px 4px  
4px #5E1E44 }
```

# Background

The CSS property to change the background color of an element to Hex 5E1E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1E44 }
```

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

```
.background{ background-color:#5E1E44 }
```

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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