

# Converting Colors

Hex(5E1B35)

Have a look what the booklet for  
Hex(5E1B35) contains.

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# Color

**Hex(5E1B35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E1B35
RGB	94, 27, 53
RGB Percent	37%, 11%, 21%
CMY	0.6314, 0.8941, 0.7922
CMYK	0.00, 0.71, 0.44, 0.63
HSL	337°, 55%, 24%
HSV	337°, 71%, 37%
XYZ	5.6506, 3.4206, 3.7306
YIQ	49.9970, 31.5860, 22.2900

# Conversions

## Conversions Part 2

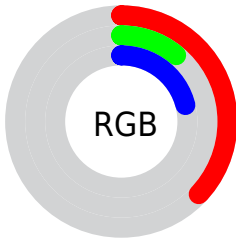
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 27, 53
Decimal	6167349
CIELab	21.66, 32.84, -0.04
CIELCh	22, 32.838, 359.938
Yxy	3.4206, 0.4414, 0.2672
Android (android.graphics.Color)	4284357429 (0xFF5E1B35)
YUV	49.9970, 1.4805, 38.5906
Hunter-Lab	18.4948, 22.1702, 0.9871

# Details

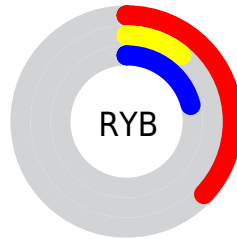
The Hex color **5E1B35** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B5E44**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **934C63**, and **2F0008** is the 20% darker color. If you saturate the color by 10%, you get **5E122F**, and if you desaturate by 10%, it is **5E243B**.

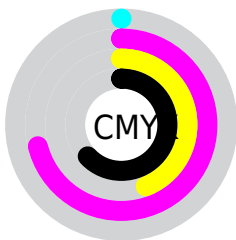
# Distribution



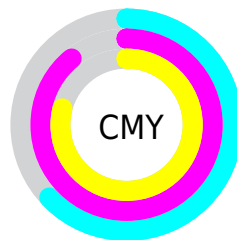
- Red (37%)
- Green (11%)
- Blue (21%)



- Red (37%)
- Yellow (11%)
- Blue (21%)



- Cyan (0%)
- Magenta (71%)
- Yellow (44%)
- Black (63%)



- Cyan (63%)
- Magenta (89%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E1B35 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 5E1B35 by changing the saturation by 10% instead.



 5E1B35

 5E1B35

FFFFFF

 440020

 934C63

 2F0008

 AF657C

 000000

 CB7F96

 E899B1

 FFB4CC

 FFD0E8

 FFEDFF

 5E1B35

 5E1B35

■ 5E122F

■ 5E243B

■ 5E0829

■ 5E2E41

■ 5E0024

■ 5E3746

■ 5E414C

■ 5E4A52

■ 5E5358

■ 5E5D5D

■ 5E6663

■ 5E7069

# Harmonies

## Analogous

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



51224D



5E1B35



5E1F1D

# Triad

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



5E1B35



283903



003C5E

# Complementary

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



5E1B35



1B5E44

# 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.



003F4C



5E1B35



003D1A

# Square

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



5E1B35



403300



003F33



003765

# Rectangle

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



5E1B35



57260F



003F33



003E59



# Sweetspot

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



5E1B35



7A616B



431B5E



3D2E34



BDBDBD



3D3D3D



# Same Dimension

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



5E1B35



7A113A



5E221B



2E292B



6E002B



ED005C



# Inverse Universe

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



5E1B35



7A113A



1B575E



2E292B



6E002B

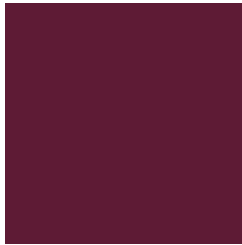


ED005C



# Previews

## White Background



This preview shows how the Hex color 5E1B35 looks on a white background.

## Color Contrast Check

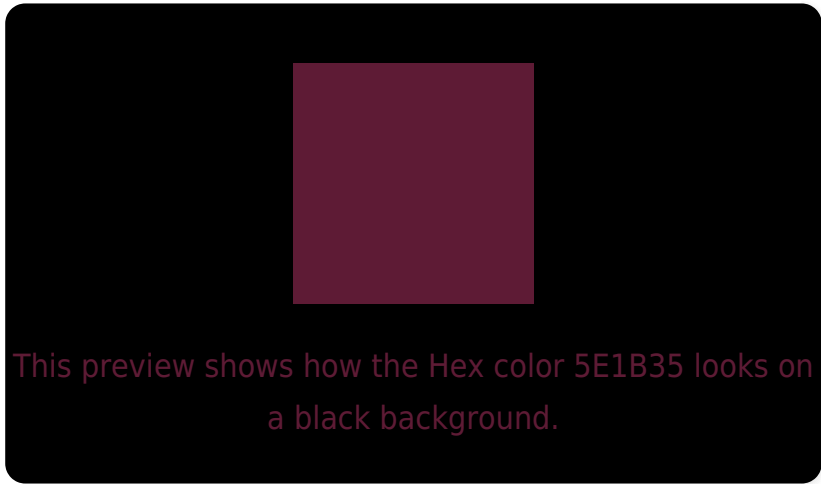
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E1B35 Background



This preview shows how black text looks on a background with the Hex color 5E1B35.



This preview shows how white text looks on a background with the Hex color 5E1B35.

# 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**  
5E1B35

**Protanopia**  
313544

**Deuteranopia**  
3C3332



# Trichromacy



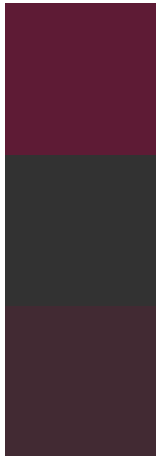
**Original Color**  
5E1B35

**Protanomaly**  
412C3F

**Deuteranomaly**  
482A33

**Tritanomaly**  
5D1E28

# Monochromacy



**Original Color**  
5E1B35

**Achromatopsia**  
323232

**Achromatomaly**  
422A33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E1B35 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 #5E1B35 looks like.

```
.text, #text, p{  
    color:#5E1B35  
}
```

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 #5E1B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1B35
}
```

## Border

The CSS property to change the border of an element to Hex 5E1B35 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
#5E1B35 }
```

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

```
.border{ border-color:#5E1B35 }
```

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

Here you see how a box with a 4 pixel #5E1B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1B35; -webkit-box-shadow:4px 4px  
4px 4px #5E1B35; box-shadow:4px 4px 4px  
4px #5E1B35 }
```

# Background

The CSS property to change the background color of an element to Hex 5E1B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1B35 }
```

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

```
.background{ background-color:#5E1B35 }
```

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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