

# Converting Colors

Hex(5B1E5E)

Have a look what the booklet for  
Hex(5B1E5E) contains.

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# Color

**Hex(5B1E5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B1E5E
RGB	91, 30, 94
RGB Percent	36%, 12%, 37%
CMY	0.6431, 0.8824, 0.6314
CMYK	0.03, 0.68, 0.00, 0.63
HSL	297°, 52%, 24%
HSV	297°, 68%, 37%
XYZ	6.7990, 3.9608, 10.9958
YIQ	55.5350, 15.8120, 32.8360

# Conversions

## Conversions Part 2

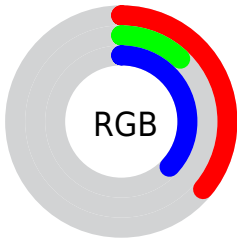
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 30, 94
Decimal	5971550
CIE <sub>Lab</sub>	23.54, 37.12, -24.96
CIE <sub>LCh</sub>	24, 44.732, 326.081
Yxy	3.9608, 0.3125, 0.1821
Android (android.graphics.Color)	4284161630 (0xFF5B1E5E)
YUV	55.5350, 18.9632, 31.1028
Hunter-Lab	19.9019, 26.1523, -18.8266

# Details

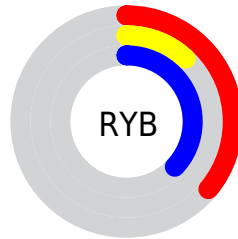
The Hex color **5B1E5E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **215E1E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8F4F91**, and **2B002F** is the 20% darker color. If you saturate the color by 10%, you get **5B155E**, and if you desaturate by 10%, it is **5B275E**.

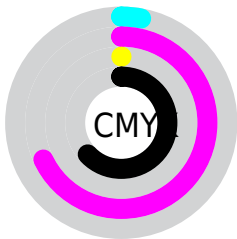
# Distribution



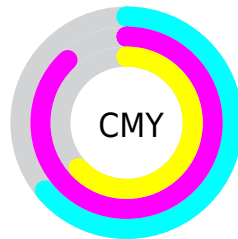
- Red (36%)
- Green (12%)
- Blue (37%)



- Red (36%)
- Yellow (12%)
- Blue (37%)



- Cyan (3%)
- Magenta (68%)
- Yellow (0%)
- Black (63%)



- Cyan (64%)
- Magenta (88%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B1E5E 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 5B1E5E by changing the saturation by 10% instead.



■ 5B1E5E

■ 5B1E5E

FFFFFF

■ 420246

■ 8F4F91

■ 2B002F

■ AA68AB

■ 08001A

■ C682C7

■ 000000

■ E39DE3

■ FFB8FF

■ FFD4FF

■ FFF1FF

■ 5B1E5E

■ 5B1E5E

■ 5B155E

■ 5B275E

■ 5A0B5E

■ 5C315E

■ 5A025E

■ 5C3A5E

■ 5A005E

■ 5D445E

■ 5D4D5E

■ 5E565E

■ 5E605E

■ 5F695E

■ 5F735E

# Harmonies

## Analogous

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



293175



5B1E5E



6F0A3E

# Triad

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



5B1E5E



4A3500



004655

# Complementary

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



5B1E5E



215E1E

# 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.



004632



5B1E5E



2A3F00

# Square

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



5B1E5E



622600



00440E



004470

# Rectangle

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



5B1E5E



720C28



00440E



00464A



# Sweetspot

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



5B1E5E



79627A



1E215E



3D2F3D



BDBDBD



3D3D3D



# Same Dimension

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



5B1E5E



76167A



5E1E41



2E292E



69006E



E200ED



# Inverse Universe

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



5E1E21



7A161B



1E5E3B



2E292A



6E0005

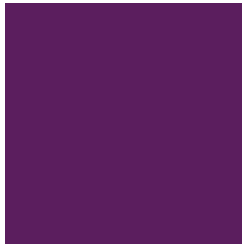


ED000B



# Previews

## White Background



This preview shows how the Hex color 5B1E5E 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

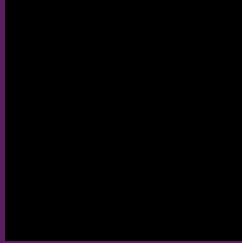
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B1E5E Background



This preview shows how black text looks on a background with the Hex color 5B1E5E.



This preview shows how white text looks on a background with the Hex color 5B1E5E.

# 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**  
5B1E5E

**Protanopia**  
003776

**Deuteranopia**  
28395A



**Tritanopia**  
562D30

# Trichromacy



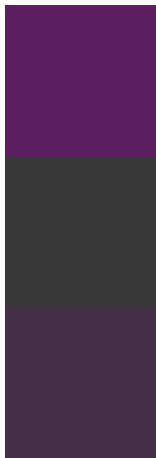
**Original Color**  
5B1E5E

**Protanomaly**  
212E6D

**Deuteranomaly**  
3B2F5B

**Tritanomaly**  
582841

# Monochromacy



**Original Color**  
5B1E5E

**Achromatopsia**  
383838

**Achromatomaly**  
452F46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B1E5E 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 #5B1E5E looks like.

```
.text, #text, p{  
    color:#5B1E5E  
}
```

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 #5B1E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1E5E
}
```

## Border

The CSS property to change the border of an element to Hex 5B1E5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

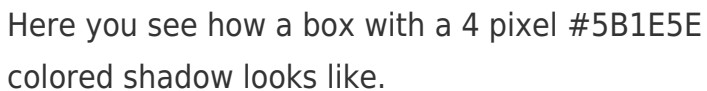
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B1E5E }
```

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

```
.border{ border-color:#5B1E5E }
```

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



Here you see how a box with a 4 pixel #5B1E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1E5E; -webkit-box-shadow:4px 4px  
4px 4px #5B1E5E; box-shadow:4px 4px 4px  
4px #5B1E5E }
```

# Background

The CSS property to change the background color of an element to Hex 5B1E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1E5E }
```

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

```
.background{ background-color:#5B1E5E }
```

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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