

Converting Colors

Hex(5B153A)

Have a look what the booklet for
Hex(5B153A) contains.

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Color

Hex(5B153A)

Conversions

Conversions Part 1

Format	Color
Hex	5B153A
RGB	91, 21, 58
RGB Percent	36%, 8%, 23%
CMY	0.6431, 0.9176, 0.7725
CMYK	0.00, 0.77, 0.36, 0.64
HSL	328°, 63%, 22%
HSV	328°, 77%, 36%
XYZ	5.3463, 3.0660, 4.3130
YIQ	46.1480, 29.8430, 26.3470

Conversions

Conversions Part 2

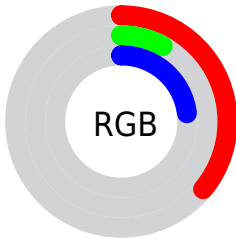
Format	Color
R_{YB}	91, 21, 58
Decimal	5969210
CIE Lab	20.31, 35.08, -5.58
CIE LCh	20, 35.525, 350.963
Yxy	3.0660, 0.4201, 0.2409
Android (android.graphics.Color)	4284159290 (0xFF5B153A)
YUV	46.1480, 5.8430, 39.3352
Hunter-Lab	17.5099, 23.8588, -2.3472

Details

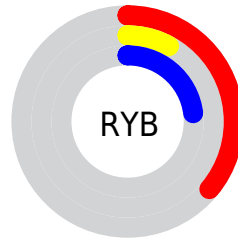
The Hex color **5B153A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **155B36**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **904769**, and **2D000F** is the 20% darker color. If you saturate the color by 10%, you get **5B0C36**, and if you desaturate by 10%, it is **5B1E3E**.

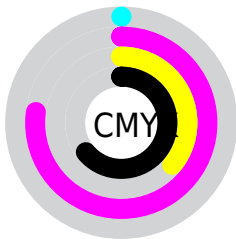
Distribution



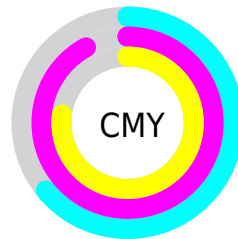
- Red (36%)
- Green (8%)
- Blue (23%)



- Red (36%)
- Yellow (8%)
- Blue (23%)



- Cyan (0%)
- Magenta (77%)
- Yellow (36%)
- Black (64%)



- Cyan (64%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B153A 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 5B153A by changing the saturation by 10% instead.

 5B153A

 5B153A

FFFFFF

 420024

 904769

 2D000F

 AC6082

 000000

 C87A9C

 E494B7

 FFAFD3

 FFCBEF

 FFE8FF

 5B153A

 5B153A

■ 5B0C36

■ 5B1E3E

■ 5B0331

■ 5B2743

■ 5B0030

■ 5B3047

■ 5B394B

■ 5B424F

■ 5B4C54

■ 5B5558

■ 5B5E5C

■ 5B6761

Harmonies

Analogous

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



482152



5B153A



5E1620

Triad

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



5B153A



2C3500



003B59

Complementary

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



5B153A



155B36

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.



003D43



5B153A



043A0D

Square

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



5B153A



442D00



003C28



003665

Rectangle

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



5B153A



591D10



003C28



003C53

Sweetspot

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



5B153A



755A69



36155B



3B2A33



BABABA



3B3B3B

Same Dimension

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



5B153A



750942



5B1517



2E292C



6E003A



ED007D

Inverse Universe

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



5B153A



750942



155B59



2E292C



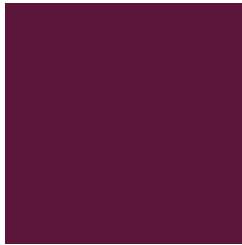
6E003A



ED007D

Previews

White Background



This preview shows how the Hex color 5B153A looks on a white background.

Color Contrast Check

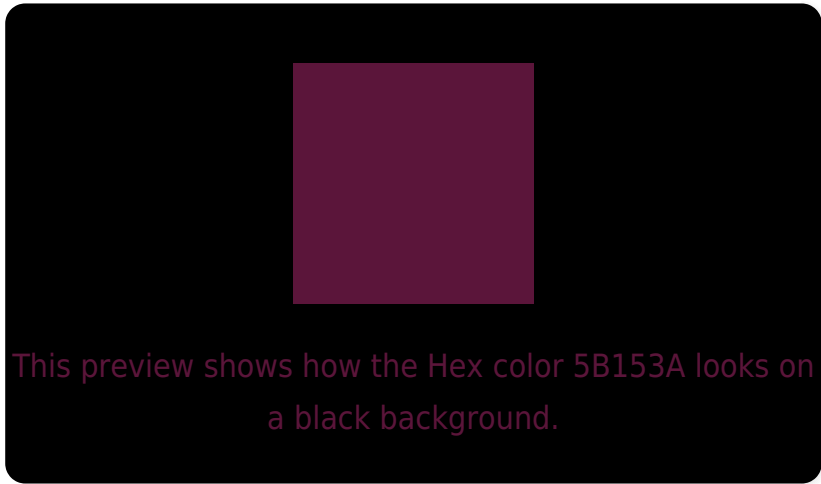
Large Text (above 18pt) WCAG AA ✓ Pass

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

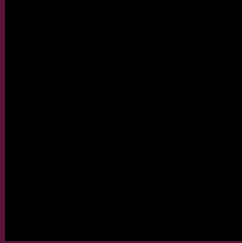
Any Text WCAG AA × Fail

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 5B153A Background



This preview shows how black text looks on a background with the Hex color 5B153A.



This preview shows how white text looks on a background with the Hex color 5B153A.

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
5B153A

Protanopia
29324D

Deuteranopia
363136



Tritanopia
591D1F

Trichromacy



Original Color
5B153A

Protanomaly
3B2746

Deuteranomaly
432737

Tritanomaly
5A1A29

Monochromacy



Original Color
5B153A

Achromatopsia
2E2E2E

Achromatomaly
3E2532

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B153A 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 #5B153A looks like.

```
.text, #text, p{  
    color:#5B153A  
}
```

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 #5B153A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B153A
}
```

Border

The CSS property to change the border of an element to Hex 5B153A is called "border". The border property can be set on classes, ids or directly on the HTML element.

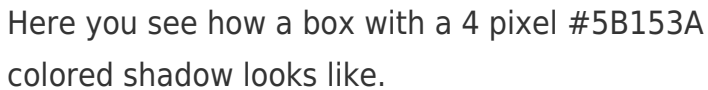
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B153A }
```

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

```
.border{ border-color:#5B153A }
```

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



Here you see how a box with a 4 pixel #5B153A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B153A; -webkit-box-shadow:4px 4px  
4px 4px #5B153A; box-shadow:4px 4px 4px  
4px #5B153A }
```

Background

The CSS property to change the background color of an element to Hex 5B153A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B153A }
```

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

```
.background{ background-color:#5B153A }
```

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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