

Converting Colors

Hex(5B375E)

Have a look what the booklet for
Hex(5B375E) contains.

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Color

Hex(5B375E)

Conversions

Conversions Part 1

Format	Color
Hex	5B375E
RGB	91, 55, 94
RGB Percent	36%, 22%, 37%
CMY	0.6431, 0.7843, 0.6314
CMYK	0.03, 0.41, 0.00, 0.63
HSL	295°, 26%, 29%
HSV	295°, 41%, 37%
XYZ	7.7010, 5.7647, 11.2965
YIQ	70.2100, 8.9370, 19.7610

Conversions

Conversions Part 2

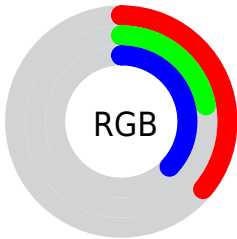
Format	Color
R_{YB}	91, 55, 94
Decimal	5977950
CIE _{Lab}	28.81, 23.21, -16.72
CIE _{LCh}	29, 28.602, 324.233
Yxy	5.7647, 0.3110, 0.2328
Android (android.graphics.Color)	4284168030 (0xFF5B375E)
YUV	70.2100, 11.7285, 18.2328
Hunter-Lab	24.0097, 15.2356, -11.0889

Details

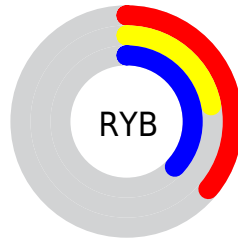
The Hex color **5B375E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A5E37**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8E6791**, and **2C0B30** is the 20% darker color. If you saturate the color by 10%, you get **5A2E5E**, and if you desaturate by 10%, it is **5C405E**.

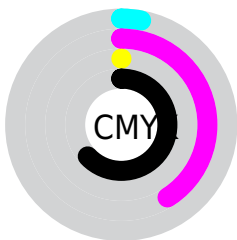
Distribution



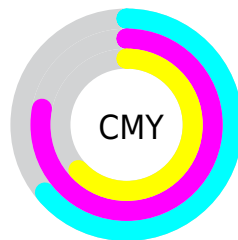
- Red (36%)
- Green (22%)
- Blue (37%)



- Red (36%)
- Yellow (22%)
- Blue (37%)



- Cyan (3%)
- Magenta (41%)
- Yellow (0%)
- Black (63%)



- Cyan (64%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B375E 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 5B375E by changing the saturation by 10% instead.

■ 5B375E

■ 5B375E

FFFFFF

■ 432146

■ 8E6791

■ 2C0B30

■ A980AB

■ 18001B

■ C49AC6

■ 000000

■ E0B5E2

■ FDD1FF

■ FFEDFF

■ 5B375E

■ 5B375E

■ 5A2E5E

■ 5C405E

■ 5A245E

■ 5C4A5E

■ 591B5E

■ 5D535E

■ 58115E

■ 5E5D5E

■ 57085E

■ 5F665E

■ 57005E

■ 5F6F5E

■ 60795E

■ 61825E

■ 628C5E

Harmonies

Analogous

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



3E406C



5B375E



6A3149

Triad

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



5B375E



544116



004F55

Complementary

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



5B375E



3A5E37

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.



004F3F



5B375E



3F481A

Square

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



5B375E



643921



244C29



004D67

Rectangle

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



5B375E



6D313A



244C29



004F4E

Sweetspot

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



5B375E



796C7A



373A5E



3D353D



BDBDBD



3D3D3D

Same Dimension

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



5B375E



763D7A



5E374E



2E292E



65006E



DB00ED

Inverse Universe

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



5E373A



7A3D42



375E47



2E292A



6E0008



ED0012

Previews

White Background



This preview shows how the Hex color 5B375E looks on a white background.

Color Contrast Check

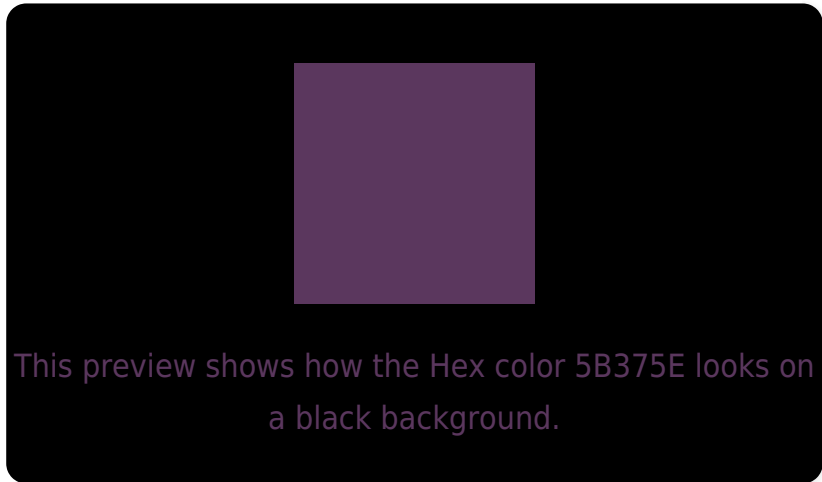
Large Text (above 18pt) WCAG AA ✓ Pass

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

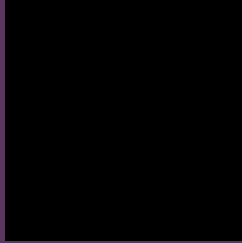
Any Text WCAG AA × Fail

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 5B375E Background



This preview shows how black text looks on a background with the Hex color 5B375E.



This preview shows how white text looks on a background with the Hex color 5B375E.

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
5B375E

Protanopia
374368

Deuteranopia
3E435C



Tritanopia
573D42

Trichromacy



Original Color
5B375E

Protanomaly
443F64

Deuteranomaly
493F5D

Tritanomaly
583B4C

Monochromacy



Original Color
5B375E

Achromatopsia
464646

Achromatomaly
4E414F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B375E 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 #5B375E looks like.

```
.text, #text, p{  
    color:#5B375E  
}
```

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 #5B375E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B375E
}
```

Border

The CSS property to change the border of an element to Hex 5B375E is called "border". The border property can be set on classes, ids or directly on the HTML element.

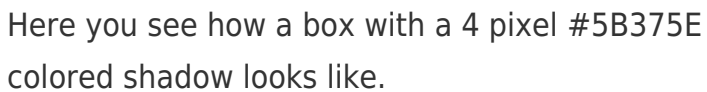
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B375E }
```

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

```
.border{ border-color:#5B375E }
```

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



Here you see how a box with a 4 pixel #5B375E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B375E; -webkit-box-shadow:4px 4px  
4px 4px #5B375E; box-shadow:4px 4px 4px  
4px #5B375E }
```

Background

The CSS property to change the background color of an element to Hex 5B375E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B375E }
```

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

```
.background{ background-color:#5B375E }
```

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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