

Converting Colors

Hex(5B375A)

Have a look what the booklet for
Hex(5B375A) contains.

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Color

Hex(5B375A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5B375A |
| RGB | 91, 55, 90 |
| RGB Percent | 36%, 22%, 35% |
| CMY | 0.6431, 0.7843, 0.6471 |
| CMYK | 0.00, 0.40, 0.01, 0.64 |
| HSL | 302°, 25%, 29% |
| HSV | 302°, 40%, 36% |
| XYZ | 7.5260, 5.6947, 10.3754 |
| YIQ | 69.7540, 10.2210, 18.5170 |

Conversions

Conversions Part 2

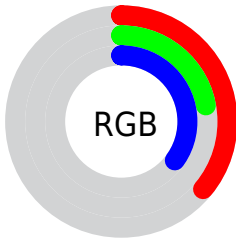
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 91, 55, 90 |
| Decimal | 5977946 |
| CIE _{Lab} | 28.63, 22.34, -14.40 |
| CIE _{LCh} | 29, 26.582, 327.188 |
| Yxy | 5.6947, 0.3190, 0.2413 |
| Android (android.graphics.Color) | 4284168026 (0xFF5B375A) |
| YUV | 69.7540, 9.9813, 18.6327 |
| Hunter-Lab | 23.8636, 14.5336, -9.0735 |

Details

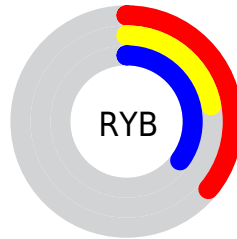
The Hex color **5B375A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **375B38**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8E678C**, and **2C0B2C** is the 20% darker color. If you saturate the color by 10%, you get **5B2E5A**, and if you desaturate by 10%, it is **5B405A**.

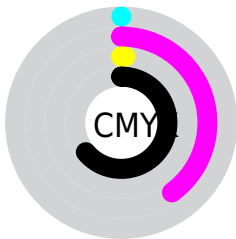
Distribution



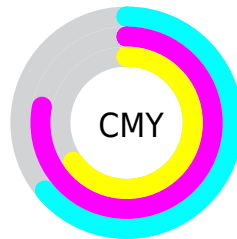
- Red (36%)
- Green (22%)
- Blue (35%)



- Red (36%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (1%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B375A 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 5B375A by changing the saturation by 10% instead.

■ 5B375A

■ 5B375A

FFFFFF

■ 432142

■ 8E678C

■ 2C0B2C

■ A980A7

■ 170018

■ C49AC2

■ 000000

■ E0B5DE

■ FDD1FA

■ FFEDFF

■ 5B375A

■ 5B375A

■ 5B2E5A

■ 5B405A

■ 5B2559

■ 5B495B

■ 5B1C59

■ 5B525B

■ 5B1359

■ 5B5B5B

■ 5B0959

■ 5B655B

■ 5B0058

■ 5B6E5C

■ 5B775C

■ 5B805C

■ 5B895C

Harmonies

Analogous

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



423F68



5B375A



683246

Triad

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



5B375A



514219



004E56

Complementary

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



5B375A



375B38

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.



004E41



5B375A



3D481E

Square

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



5B375A



613A21



234C2C



004B66

Rectangle

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



5B375A



6A3338



234C2C



004E4F

Sweetspot

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



5B375A



756775



38375B



3B323A



BABABA



3B3B3B

Same Dimension

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



5B375A



753E74



5B3748



2E292E



6E006B



ED00E7

Inverse Universe

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



5B375A



753E74



375B4A



2E292E



6E006B



ED00E7

Previews

White Background



This preview shows how the Hex color 5B375A 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

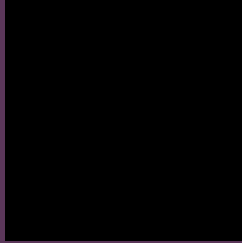
Any Text WCAG AA × Fail

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 5B375A Background



This preview shows how black text looks on a background with the Hex color 5B375A.



This preview shows how white text looks on a background with the Hex color 5B375A.

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
5B375A

Protanopia
394363

Deuteranopia
404358



Tritanopia
583C41

Trichromacy



Original Color
5B375A

Protanomaly
453F60

Deuteranomaly
4A3F59

Tritanomaly
593A4A

Monochromacy



Original Color
5B375A

Achromatopsia
464646

Achromatomaly
4E414D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B375A 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 #5B375A looks like.

```
.text, #text, p{  
    color:#5B375A  
}
```

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 #5B375A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B375A
}
```

Border

The CSS property to change the border of an element to Hex 5B375A is called "border". The border property can be set on classes, ids or directly on the HTML element.

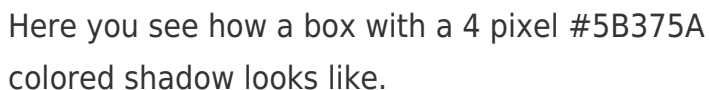
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B375A }
```

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

```
.border{ border-color:#5B375A }
```

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



Here you see how a box with a 4 pixel #5B375A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B375A; -webkit-box-shadow:4px 4px  
4px 4px #5B375A; box-shadow:4px 4px 4px  
4px #5B375A }
```

Background

The CSS property to change the background color of an element to Hex 5B375A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B375A }
```

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

```
.background{ background-color:#5B375A }
```

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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