

Converting Colors

Hex(5B3761)

Have a look what the booklet for
Hex(5B3761) contains.

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Color

Hex(5B3761)

Conversions

Conversions Part 1

Format	Color
Hex	5B3761
RGB	91, 55, 97
RGB Percent	36%, 22%, 38%
CMY	0.6431, 0.7843, 0.6196
CMYK	0.06, 0.43, 0.00, 0.62
HSL	291°, 28%, 30%
HSV	291°, 43%, 38%
XYZ	7.8382, 5.8196, 12.0194
YIQ	70.5520, 7.9740, 20.6940

Conversions

Conversions Part 2

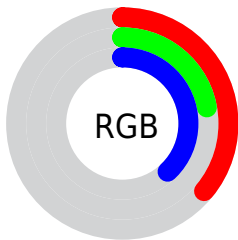
Format	Color
R_{YB}	91, 55, 97
Decimal	5977953
CIE _{Lab}	28.95, 23.87, -18.44
CIE _{LCh}	29, 30.164, 322.323
Yxy	5.8196, 0.3053, 0.2266
Android (android.graphics.Color)	4284168033 (0xFF5B3761)
YUV	70.5520, 13.0389, 17.9329
Hunter-Lab	24.1238, 15.7810, -12.6539

Details

The Hex color **5B3761** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D6137**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8E6794**, and **2C0B32** is the 20% darker color. If you saturate the color by 10%, you get **5A2D61**, and if you desaturate by 10%, it is **5C4161**.

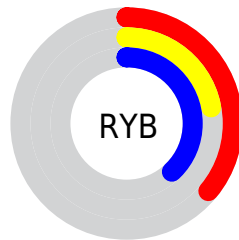
Distribution



Red (36%)

Green (22%)

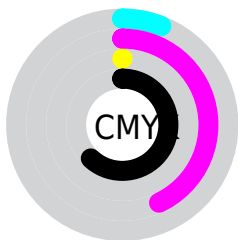
Blue (38%)



Red (36%)

Yellow (22%)

Blue (38%)

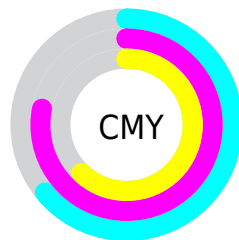


Cyan (6%)

Magenta (43%)

Yellow (0%)

Black (62%)



Cyan (64%)

Magenta (78%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3761 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 5B3761 by changing the saturation by 10% instead.

■ 5B3761

■ 5B3761

FFFFFF

■ 432149

■ 8E6794

■ 2C0B32

■ A980AE

■ 19001E

■ C49ACA

■ 000000

■ E1B5E6

■ FDD1FF

■ FFEDFF

■ 5B3761

■ 5B3761

■ 5A2D61

■ 5C4161

■ 582461

■ 5E4A61

■ 571A61

■ 5F5461

■ 551061

■ 615E61

■ 540761

■ 626761

■ 530061

■ 637161

■ 657B61

■ 668561

■ 678E61

Harmonies

Analogous

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



3B416F



5B3761



6C304B

Triad

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



5B3761



564114



005055

Complementary

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



5B3761



3D6137

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.



004F3D



5B3761



404816

Square

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



5B3761



673820



244D27



004E69

Rectangle

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



5B3761



6F303C



244D27



00504D

Sweetspot

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



5B3761



7B6D7D



373D61



3E3640



BFBFBF



404040

Same Dimension

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



5B3761



743C7D



613752



302C30



600070



CD00F0

Inverse Universe

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



61373D



7D3C45



376146



302C2C



700010



F00022

Previews

White Background



This preview shows how the Hex color 5B3761 looks on a white background.

Color Contrast Check

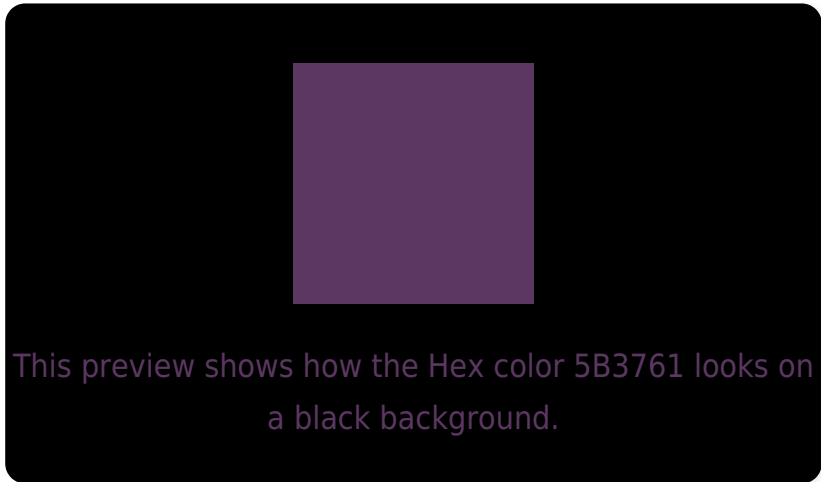
Large Text (above 18pt) WCAG AA ✓ Pass

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

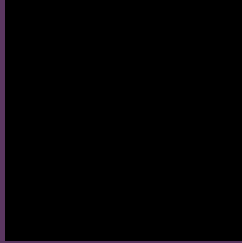
Any Text WCAG AA × Fail

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 5B3761 Background



This preview shows how black text looks on a background with the Hex color 5B3761.



This preview shows how white text looks on a background with the Hex color 5B3761.

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](#).

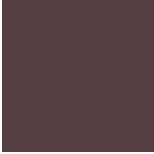
Dichromacy



Original Color
5B3761

Protanopia
36436B

Deuteranopia
3C445F



Tritanopia
573E43

Trichromacy



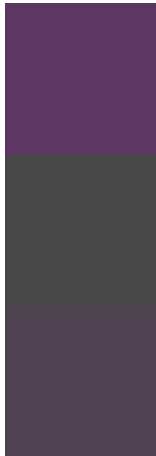
Original Color
5B3761

Protanomaly
433F67

Deuteranomaly
473F60

Tritanomaly
583B4E

Monochromacy



Original Color
5B3761

Achromatopsia
474747

Achromatomaly
4E4150

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3761 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 #5B3761 looks like.

```
.text, #text, p{  
    color:#5B3761  
}
```

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 #5B3761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3761
}
```

Border

The CSS property to change the border of an element to Hex 5B3761 is called "border". The border property can be set on classes, ids or directly on the HTML element.

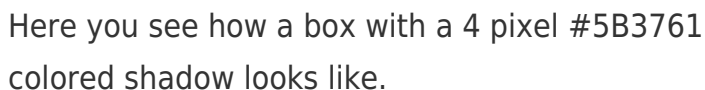
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3761 }
```

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

```
.border{ border-color:#5B3761 }
```

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



Here you see how a box with a 4 pixel #5B3761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3761; -webkit-box-shadow:4px 4px  
4px 4px #5B3761; box-shadow:4px 4px 4px  
4px #5B3761 }
```

Background

The CSS property to change the background color of an element to Hex 5B3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3761 }
```

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

```
.background{ background-color:#5B3761 }
```

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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