

Converting Colors

Hex(5B3D66)

Have a look what the booklet for
Hex(5B3D66) contains.

Hex(5B3D66)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B3D66)

Conversions

Conversions Part 1

Format	Color
Hex	5B3D66
RGB	91, 61, 102
RGB Percent	36%, 24%, 40%
CMY	0.6431, 0.7608, 0.6000
CMYK	0.11, 0.40, 0.00, 0.60
HSL	284°, 25%, 32%
HSV	284°, 40%, 40%
XYZ	8.3814, 6.5209, 13.3873
YIQ	74.6440, 4.7190, 19.1110

Conversions

Conversions Part 2

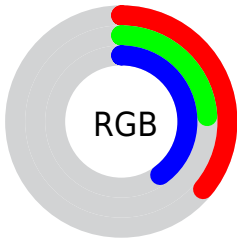
Format	Color
R_{YB}	91, 61, 102
Decimal	5979494
CIE _{Lab}	30.69, 21.30, -18.95
CIE _{LCh}	31, 28.509, 318.340
Yxy	6.5209, 0.2963, 0.2305
Android (android.graphics.Color)	4284169574 (0xFF5B3D66)
YUV	74.6440, 13.4865, 14.3442
Hunter-Lab	25.5361, 13.8985, -13.2074

Details

The Hex color **5B3D66** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **48663D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8E6D99**, and **2C1137** is the 20% darker color. If you saturate the color by 10%, you get **583366**, and if you desaturate by 10%, it is **5E4766**.

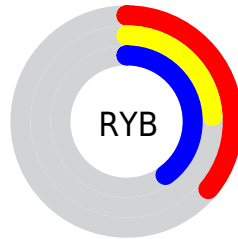
Distribution



Red (36%)

Green (24%)

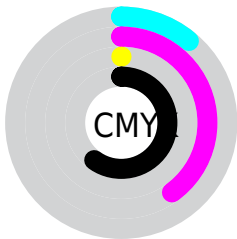
Blue (40%)



Red (36%)

Yellow (24%)

Blue (40%)

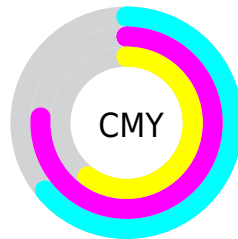


Cyan (11%)

Magenta (40%)

Yellow (0%)

Black (60%)



Cyan (64%)

Magenta (76%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3D66 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 5B3D66 by changing the saturation by 10% instead.

■ 5B3D66

■ 5B3D66

FFFFFF

■ 43274E

■ 8E6D99

■ 2C1137

■ A987B4

■ 1B0022

■ C4A1D0

■ 000007

■ E0BCEC

■ 000000

■ FDD8FF

■ FFF4FF

■ 5B3D66

■ 5B3D66

■ 583366

■ 5E4766

■ 562966

■ 605166

■ 531E66

■ 635C66

■ 501466

■ 666666

■ 4D0A66

■ 697066

■ 4B0066

■ 6B7A66

■ 6E8466

■ 718F66

■ 749966

Harmonies

Analogous

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



3B4672



5B3D66



6D3652

Triad

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



5B3D66



5D441C



005356

Complementary

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



5B3D66



48663D

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.



00533F



5B3D66



484B1C

Square

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



5B3D66



6C3C28



2E502A



005269

Rectangle

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



5B3D66



723543



2E502A



00534E

Sweetspot

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



5B3D66



807585



3D4966



403942



C2C2C2



424242

Same Dimension

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



5B3D66



744585



663D5D



322E33



540073



B100F2

Inverse Universe

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



663D48



854556



3D6646



332E2F



73001F



F20041

Previews

White Background



This preview shows how the Hex color 5B3D66 looks on a white background.

Color Contrast Check

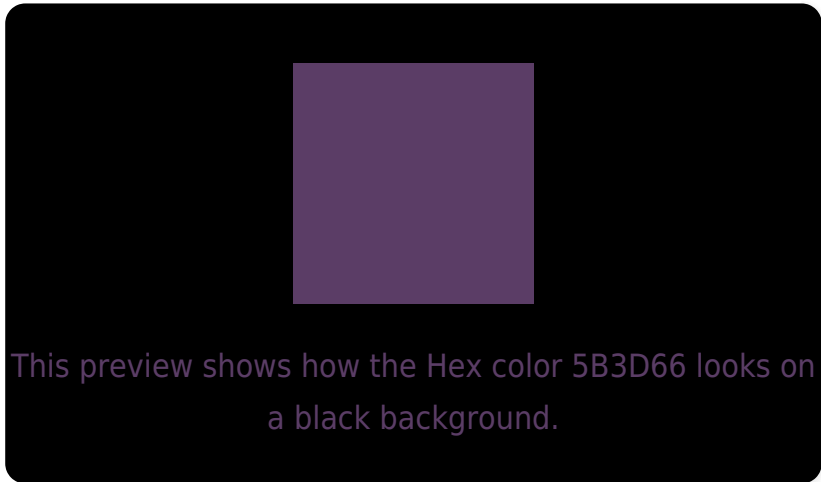
Large Text (above 18pt) WCAG AA ✓ Pass

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

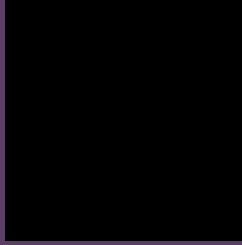
Any Text WCAG AA × Fail

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 5B3D66 Background



This preview shows how black text looks on a background with the Hex color 5B3D66.



This preview shows how white text looks on a background with the Hex color 5B3D66.

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](#).

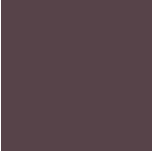
Dichromacy



Original Color
5B3D66

Protanopia
3B476E

Deuteranopia
404864



Tritanopia
574349

Trichromacy



Original Color
5B3D66

Protanomaly
47436B

Deuteranomaly
4A4465

Tritanomaly
584154

Monochromacy



Original Color
5B3D66

Achromatopsia
4B4B4B

Achromatomaly
514655

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3D66 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 #5B3D66 looks like.

```
.text, #text, p{  
    color:#5B3D66  
}
```

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 #5B3D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3D66
}
```

Border

The CSS property to change the border of an element to Hex 5B3D66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

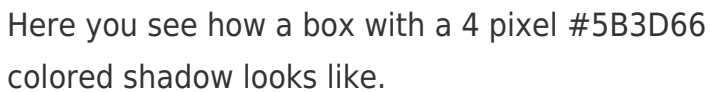
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3D66 }
```

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

```
.border{ border-color:#5B3D66 }
```

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



Here you see how a box with a 4 pixel #5B3D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3D66; -webkit-box-shadow:4px 4px  
4px 4px #5B3D66; box-shadow:4px 4px 4px  
4px #5B3D66 }
```

Background

The CSS property to change the background color of an element to Hex 5B3D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3D66 }
```

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

```
.background{ background-color:#5B3D66 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor