

Converting Colors

Hex(5C4061)

Have a look what the booklet for
Hex(5C4061) contains.

Hex(5C4061)	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(5C4061)

Conversions

Conversions Part 1

Format	Color
Hex	5C4061
RGB	92, 64, 97
RGB Percent	36%, 25%, 38%
CMY	0.6392, 0.7490, 0.6196
CMYK	0.05, 0.34, 0.00, 0.62
HSL	291°, 20%, 32%
HSV	291°, 34%, 38%
XYZ	8.4047, 6.8052, 12.1798
YIQ	76.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

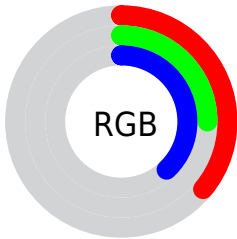
Format	Color
R_{YB}	92, 64, 97
Decimal	6045793
CIE _{Lab}	31.36, 18.62, -14.71
CIE _{LCh}	31, 23.733, 321.691
Yxy	6.8052, 0.3069, 0.2485
Android (android.graphics.Color)	4284235873 (0xFF5C4061)
YUV	76.1340, 10.2869, 13.9145
Hunter-Lab	26.0867, 11.8579, -9.4216

Details

The Hex color **5C4061** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **456140**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8F7094**, and **2D1432** is the 20% darker color. If you saturate the color by 10%, you get **5B3661**, and if you desaturate by 10%, it is **5D4A61**.

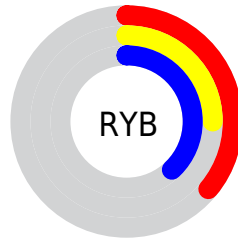
Distribution



Red (36%)

Green (25%)

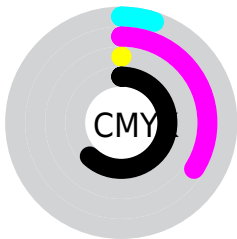
Blue (38%)



Red (36%)

Yellow (25%)

Blue (38%)

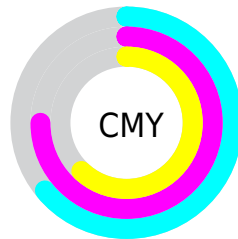


Cyan (5%)

Magenta (34%)

Yellow (0%)

Black (62%)



Cyan (64%)

Magenta (75%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C4061 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 5C4061 by changing the saturation by 10% instead.

■ 5C4061

■ 5C4061

FFFFFF

■ 442A49

■ 8F7094

■ 2D1432

■ A98AAE

■ 1B001E

■ C5A4CA

■ 000000

■ E1BFE6

■ FEDBFF

■ FFF8FF

■ 5C4061

■ 5C4061

■ 5B3661

■ 5D4A61

■ 592D61

■ 5F5361

■ 582361

■ 605D61

■ 561961

■ 626761

■ 551061

■ 637161

■ 530661

■ 657A61

■ 520061

■ 668461

■ 688E61

■ 699761

Harmonies

Analogous

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



44476C



5C4061



6A3B50

Triad

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



5C4061



5A4725



005357

Complementary

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



5C4061



456140

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.



165344



5C4061



484D26

Square

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



5C4061



67402D



325132



005166

Rectangle

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



5C4061



6D3B43



325132



005451

Sweetspot

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



5C4061



7B707D



404661



3F3840



BFBFBF



404040

Same Dimension

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



5C4061



754A7D



614056



302C30



5F0070



CB00F0

Inverse Universe

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



614045



7D4A51



40614B



302C2C



700011



F00024

Previews

White Background



This preview shows how the Hex color 5C4061 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

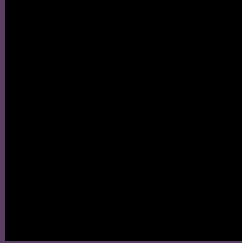
Any Text WCAG AA × Fail

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 5C4061 Background



This preview shows how black text looks on a background with the Hex color 5C4061.



This preview shows how white text looks on a background with the Hex color 5C4061.

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](#).

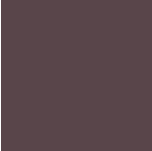
Dichromacy



Original Color
5C4061

Protanopia
414968

Deuteranopia
46495F



Tritanopia
59454A

Trichromacy



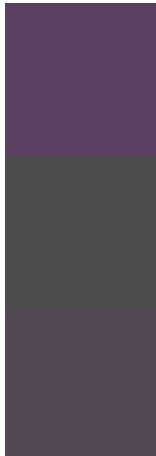
Original Color
5C4061

Protanomaly
4B4665

Deuteranomaly
4E4660

Tritanomaly
5A4352

Monochromacy



Original Color
5C4061

Achromatopsia
4C4C4C

Achromatomaly
524854

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C4061 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 #5C4061 looks like.

```
.text, #text, p{  
    color:#5C4061  
}
```

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 #5C4061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4061
}
```

Border

The CSS property to change the border of an element to Hex 5C4061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

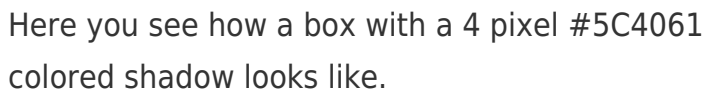
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C4061 }
```

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

```
.border{ border-color:#5C4061 }
```

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



Here you see how a box with a 4 pixel #5C4061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4061; -webkit-box-shadow:4px 4px  
4px 4px #5C4061; box-shadow:4px 4px 4px  
4px #5C4061 }
```

Background

The CSS property to change the background color of an element to Hex 5C4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4061 }
```

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

```
.background{ background-color:#5C4061 }
```

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