

Converting Colors

Hex(5B605E)

Have a look what the booklet for
Hex(5B605E) contains.

Hex(5B605E)	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(5B605E)

Conversions

Conversions Part 1

Format	Color
Hex	5B605E
RGB	91, 96, 94
RGB Percent	36%, 38%, 37%
CMY	0.6431, 0.6235, 0.6314
CMYK	0.05, 0.00, 0.02, 0.62
HSL	156°, 3%, 37%
HSV	156°, 5%, 38%
XYZ	10.5176, 11.3980, 12.2354
YIQ	94.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

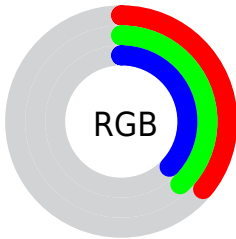
Format	Color
RYB	91, 94, 96
Decimal	5988446
CIELab	40.24, -2.38, 0.46
CIELCh	40, 2.423, 169.096
Yxy	11.3980, 0.3080, 0.3338
Android (android.graphics.Color)	4284178526 (0xFF5B605E)
YUV	94.2770, -0.1366, -2.8739
Hunter-Lab	33.7610, -3.4732, 2.1453

Details

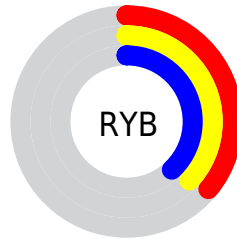
The Hex color **5B605E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **605B5D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8D9290**, and **2D3230** is the 20% darker color. If you saturate the color by 10%, you get **51605A**, and if you desaturate by 10%, it is **656062**.

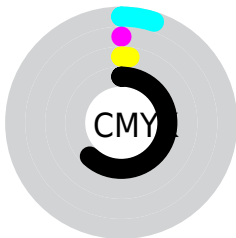
Distribution



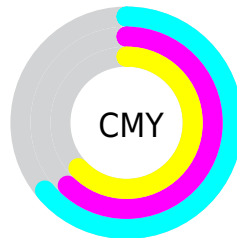
- Red (36%)
- Green (38%)
- Blue (37%)



- Red (36%)
- Yellow (37%)
- Blue (38%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (62%)



- Cyan (64%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B605E 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 5B605E by changing the saturation by 10% instead.

■ 5B605E

■ 5B605E

FFFFFF

■ 444846

■ 8D9290

■ 2D3230

■ A7ADAB

■ 191D1B

■ C3C8C6

■ 000200

■ DFE4E2

■ 000000

■ FBFFFF

■ 5B605E

■ 5B605E

■ 51605A

■ 656062

■ 486056

■ 6E6066

■ 3E6052

■ 78606A

■ 35604F

■ 81606D

■ 2B604B

■ 8B6071

■ 216047

■ 956075

■ 186043

■ 9E6079

■ 0E603F

■ A8607D

■ 05603B

■ B16081

Harmonies

Analogous

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



5D605C



5B605E



5A6060

Triad

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



5B605E



5E5F63



635E5C

Complementary

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



5B605E



605B5D

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.



635E5E



5B605E



615E61

Square

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



5B605E



5C5F63



635E60



615E5B

Rectangle

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



5B605E



5A6061



635E60



635E5C

Sweetspot

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



5B605E



7A7D7C



5D605B



3E403F



BFBFBF



404040

Same Dimension

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



5B605E



757D7A



5B6060



2D302F



007043



00F090

Inverse Universe

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



605B5D



7D7578



605C5B



302D2E



70002D



F00060

Previews

White Background



This preview shows how the Hex color 5B605E looks on a white background.

Color Contrast Check

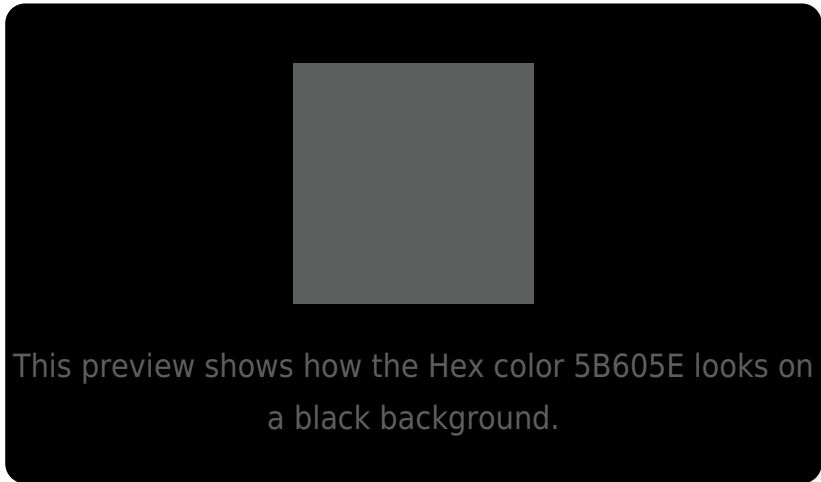
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

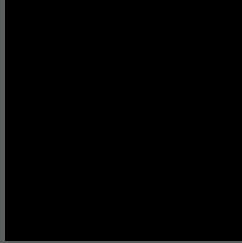
Any Text WCAG AA × Fail

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 5B605E Background



This preview shows how black text looks on a background with the Hex color 5B605E.



This preview shows how white text looks on a background with the Hex color 5B605E.

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
5B605E

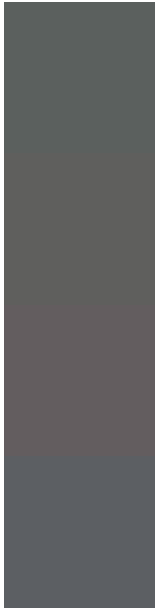
Protanopia
615E5D

Deuteranopia
685C5F



Tritanopia
5C5F66

Trichromacy



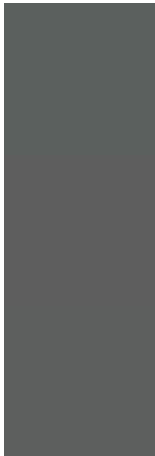
Original Color
5B605E

Protanomaly
5F5F5D

Deuteranomaly
635D5F

Tritanomaly
5C5F63

Monochromacy



Original Color
5B605E

Achromatopsia
5E5E5E

Achromatomaly
5D5F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B605E 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 #5B605E looks like.

```
.text, #text, p{  
    color:#5B605E  
}
```

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 #5B605E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B605E
}
```

Border

The CSS property to change the border of an element to Hex 5B605E is called "border". The border property can be set on classes, ids or directly on the HTML element.

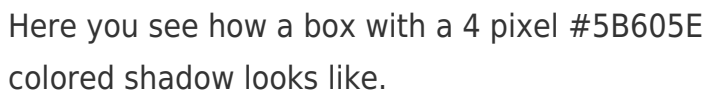
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B605E }
```

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

```
.border{ border-color:#5B605E }
```

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



Here you see how a box with a 4 pixel #5B605E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B605E; -webkit-box-shadow:4px 4px  
4px 4px #5B605E; box-shadow:4px 4px 4px  
4px #5B605E }
```

Background

The CSS property to change the background color of an element to Hex 5B605E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B605E }
```

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

```
.background{ background-color:#5B605E }
```

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