

Converting Colors

Hex(5B665B)

Have a look what the booklet for
Hex(5B665B) contains.

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Color

Hex(5B665B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5B665B |
| RGB | 91, 102, 91 |
| RGB Percent | 36%, 40%, 36% |
| CMY | 0.6431, 0.6000, 0.6431 |
| CMYK | 0.11, 0.00, 0.11, 0.60 |
| HSL | 120°, 6%, 38% |
| HSV | 120°, 11%, 40% |
| XYZ | 10.9541, 12.4822, 11.7295 |
| YIQ | 97.4570, -3.0250, -5.7530 |

Conversions

Conversions Part 2

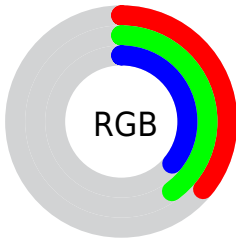
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 91, 102, 102 |
| Decimal | 5989979 |
| CIE _{Lab} | 41.97, -6.56, 4.79 |
| CIE _{LCh} | 42, 8.121, 143.863 |
| Yxy | 12.4822, 0.3115, 0.3550 |
| Android (android.graphics.Color) | 4284180059 (0xFF5B665B) |
| YUV | 97.4570, -3.1833, -5.6628 |
| Hunter-Lab | 35.3302, -6.4841, 5.0471 |

Details

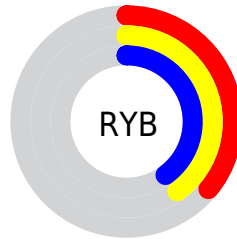
The Hex color **5B665B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665B66**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8D998D**, and **2D372D** is the 20% darker color. If you saturate the color by 10%, you get **516651**, and if you desaturate by 10%, it is **656665**.

Distribution



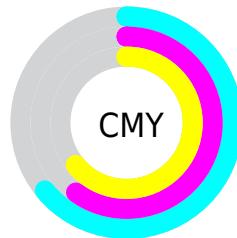
- Red (36%)
- Green (40%)
- Blue (36%)



- Red (36%)
- Yellow (40%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B665B 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 5B665B by changing the saturation by 10% instead.



5B665B



5B665B

FFFFFF



434E44



8D998D



2D372D



A8B4A7



182219



C3CFC3



000C00



DFEBDF



000000



FBFFFB



5B665B



5B665B



516651



656665



476647



6F666F

■ 3C663C

■ 7A667A

■ 326632

■ 846684

■ 286628

■ 8E668E

■ 1E661E

■ 986698

■ 146614

■ A266A2

■ 096609

■ AD66AD

■ 006600

■ B766B7

Harmonies

Analogous

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



636457



5B665B



556761

Triad

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



5B665B



5A6470



715F5E

Complementary

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



5B665B



665B66

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.



705F65



5B665B



63626F

Square

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



5B665B



54666E



6B606B



6F6058

Rectangle

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



5B665B



536766



6B606B



715F60

Sweetspot

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



5B665B



818581



66665B



404240



C2C2C2



424242

Same Dimension

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



5B665B



738573



5B6661



2E332E



007300



00F200

Inverse Universe

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



665B66



857385



665B61



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 5B665B looks on a white background.

Color Contrast Check

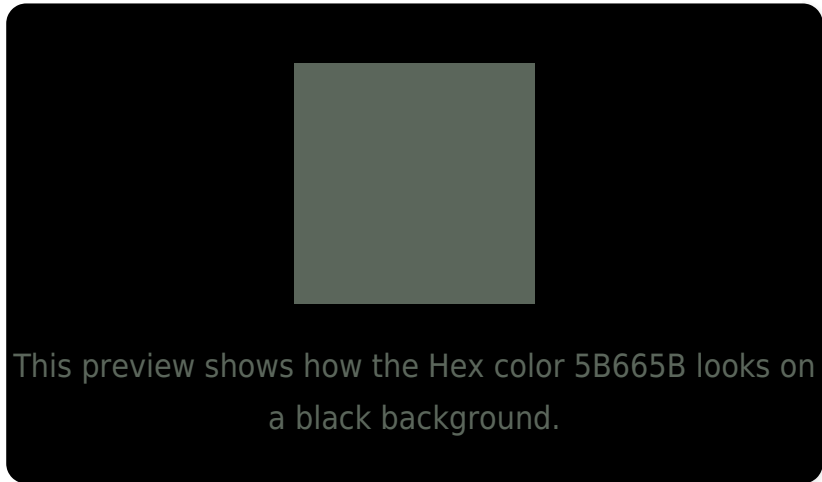
Large Text (above 18pt) WCAG AA ✓ Pass

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

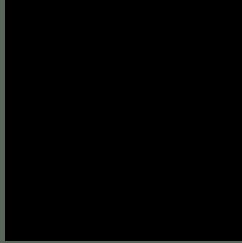
Any Text WCAG AA × Fail

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 5B665B Background



This preview shows how black text looks on a background with the Hex color 5B665B.

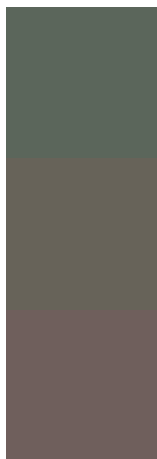


This preview shows how white text looks on a background with the Hex color 5B665B.

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
5B665B

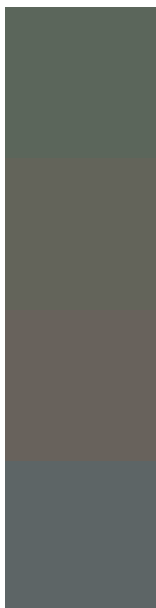
Protanopia
676359

Deuteranopia
6F5F5C



Tritanopia
5E646C

Trichromacy



Original Color

5B665B

Protanomaly

63645A

Deuteranomaly

68625C

Tritanomaly

5D6566

Monochromacy



Original Color

5B665B

Achromatopsia

616161

Achromatomaly

5F635F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B665B 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 #5B665B looks like.

```
.text, #text, p{  
    color:#5B665B  
}
```

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 #5B665B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B665B
}
```

Border

The CSS property to change the border of an element to Hex 5B665B is called "border". The border property can be set on classes, ids or directly on the HTML element.

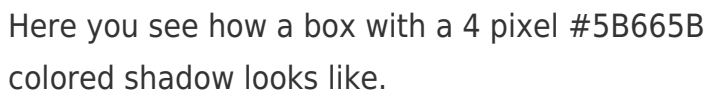
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B665B }
```

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

```
.border{ border-color:#5B665B }
```

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



Here you see how a box with a 4 pixel #5B665B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B665B; -webkit-box-shadow:4px 4px  
4px 4px #5B665B; box-shadow:4px 4px 4px  
4px #5B665B }
```

Background

The CSS property to change the background color of an element to Hex 5B665B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B665B }
```

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

```
.background{ background-color:#5B665B }
```

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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