

Converting Colors

Hex(5B5C65)

Have a look what the booklet for
Hex(5B5C65) contains.

Hex(5B5C65)	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(5B5C65)

Conversions

Conversions Part 1

Format	Color
Hex	5B5C65
RGB	91, 92, 101
RGB Percent	36%, 36%, 40%
CMY	0.6431, 0.6392, 0.6039
CMYK	0.10, 0.09, 0.00, 0.60
HSL	234°, 5%, 38%
HSV	234°, 10%, 40%
XYZ	10.4905, 10.8180, 13.8471
YIQ	92.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

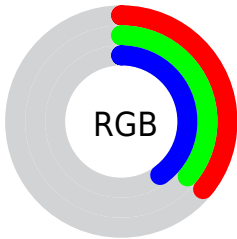
Format	Color
R_{YB}	91, 92, 101
Decimal	5987429
CIE Lab	39.27, 1.60, -5.28
CIE LCh	39, 5.516, 286.840
Yxy	10.8180, 0.2984, 0.3077
Android (android.graphics.Color)	4284177509 (0xFF5B5C65)
YUV	92.7270, 4.0786, -1.5146
Hunter-Lab	32.8908, -0.6264, -1.9377

Details

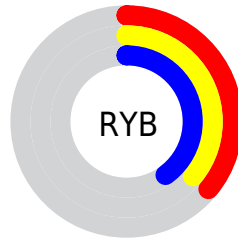
The Hex color **5B5C65** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65645B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8D8E98**, and **2D2E36** is the 20% darker color. If you saturate the color by 10%, you get **515365**, and if you desaturate by 10%, it is **656565**.

Distribution



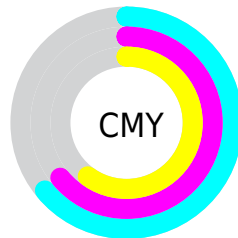
- Red (36%)
- Green (36%)
- Blue (40%)



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



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5C65 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 5B5C65 by changing the saturation by 10% instead.

■ 5B5C65

■ 5B5C65

FFFFFF

■ 44454D

■ 8D8E98

■ 2D2E36

■ A8A9B3

■ 191A21

■ C3C4CE

■ 00000A

■ DFE0EA

■ 000000

■ FBFCFF

■ 5B5C65

■ 5B5C65

■ 515365

■ 656565

■ 474A65

■ 6F6E65

■ 3D4165

■ 797765

■ 333865

■ 838065

■ 292F65

■ 8E8965

■ 1E2565

■ 989365

■ 141C65

■ A29C65

■ 0A1365

■ ACA565

■ 000A65

■ B6AE65

Harmonies

Analogous

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



565D65



5B5C65



605B63

Triad

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



5B5C65



655A56



545F5A

Complementary

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



5B5C65



65645B

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.



585E56



5B5C65



625C54

Square

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



5B5C65



665A5A



5E5D54



525F5F

Rectangle

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



5B5C65



635A60



5E5D54



555F59

Sweetspot

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



5B5C65



7E7F82



5B6564



404042



C2C2C2



424242

Same Dimension

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



5B5C65



727482



5F5B65



2E2E33



000B73



0018F2

Inverse Universe

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



655B5C



827274



61655B



332E2E



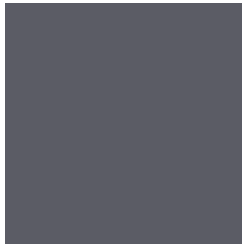
73000B



F20018

Previews

White Background



This preview shows how the Hex color 5B5C65 looks on a white background.

Color Contrast Check

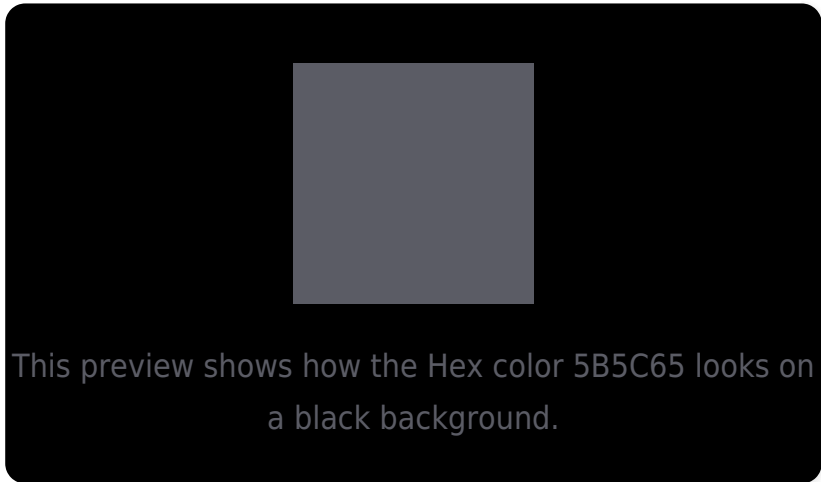
Large Text (above 18pt) WCAG AA ✓ Pass

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

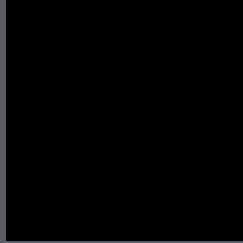
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

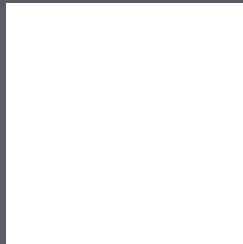
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5B5C65 Background



This preview shows how black text looks on a background with the Hex color 5B5C65.



This preview shows how white text looks on a background with the Hex color 5B5C65.

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


5B5C65

Protanopia

5C5C65

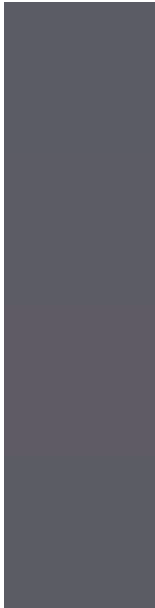
Deuteranopia

615A65



Tritanopia
5B5C64

Trichromacy



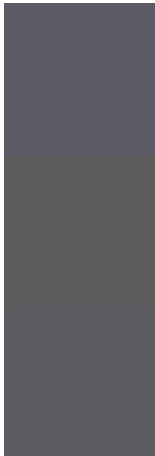
Original Color
5B5C65

Protanomaly
5C5C65

Deuteranomaly
5F5B65

Tritanomaly
5B5C64

Monochromacy



Original Color
5B5C65

Achromatopsia
5D5D5D

Achromatomaly
5C5D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5C65 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 #5B5C65 looks like.

```
.text, #text, p{  
    color:#5B5C65  
}
```

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 #5B5C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5C65
}
```

Border

The CSS property to change the border of an element to Hex 5B5C65 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
#5B5C65 }
```

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

```
.border{ border-color:#5B5C65 }
```

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

Here you see how a box with a 4 pixel #5B5C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5C65; -webkit-box-shadow:4px 4px  
4px 4px #5B5C65; box-shadow:4px 4px 4px  
4px #5B5C65 }
```

Background

The CSS property to change the background color of an element to Hex 5B5C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5C65 }
```

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

```
.background{ background-color:#5B5C65 }
```

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