

Converting Colors

Hex(5A5E66)

Have a look what the booklet for
Hex(5A5E66) contains.

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Color

Hex(5A5E66)

Conversions

Conversions Part 1

Format	Color
Hex	5A5E66
RGB	90, 94, 102
RGB Percent	35%, 37%, 40%
CMY	0.6471, 0.6314, 0.6000
CMYK	0.12, 0.08, 0.00, 0.60
HSL	220°, 6%, 38%
HSV	220°, 12%, 40%
XYZ	10.6174, 11.1384, 14.1607
YIQ	93.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

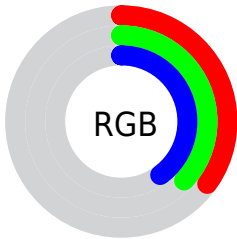
Format	Color
R_{YB}	90, 93, 102
Decimal	5922406
CIE _{Lab}	39.81, 0.23, -5.10
CIE _{LCh}	40, 5.107, 272.610
Yxy	11.1384, 0.2956, 0.3101
Android (android.graphics.Color)	4284112486 (0xFF5A5E66)
YUV	93.7160, 4.0840, -3.2589
Hunter-Lab	33.3742, -1.6182, -1.7948

Details

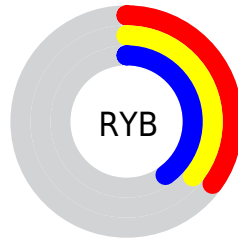
The Hex color **5A5E66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66625A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8C9099**, and **2C3037** is the 20% darker color. If you saturate the color by 10%, you get **505766**, and if you desaturate by 10%, it is **646566**.

Distribution



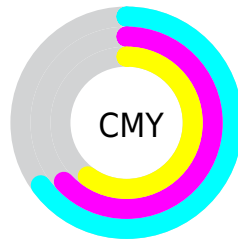
- Red (35%)
- Green (37%)
- Blue (40%)



- Red (35%)
- Yellow (36%)
- Blue (40%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5E66 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 5A5E66 by changing the saturation by 10% instead.

■ 5A5E66

■ 5A5E66

FFFFFF

■ 43464E

■ 8C9099

■ 2C3037

■ A6ABB4

■ 181B22

■ C2C6CF

■ 00000C

■ DEE2EB

■ 000000

■ FAFFFF

■ 5A5E66

■ 5A5E66

■ 505766

■ 646566

■ 465066

■ 6E6C66

■ 3B4A66

■ 797266

■ 314366

■ 837966

■ 273C66

■ 8D8066

■ 1D3566

■ 978766

■ 132E66

■ A18E66

■ 082866

■ AC9466

■ 002266

■ B69B66

Harmonies

Analogous

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



565F65



5A5E66



5F5D65

Triad

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



5A5E66



675B59



58605A

Complementary

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



5A5E66



66625A

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.



5C5F57



5A5E66



655C57

Square

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



5A5E66



665B5E



615E56



54605E

Rectangle

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



5A5E66



625C63



615E56



596059

Sweetspot

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



5A5E66



7F8185



5A6662



3F4042



C2C2C2



424242

Same Dimension

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



5A5E66



727885



5C5A66



2E3033



002673



0051F2

Inverse Universe

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



665A5E



857278



64665A



332E30



730026



F20051

Previews

White Background



This preview shows how the Hex color 5A5E66 looks on a white background.

Color Contrast Check

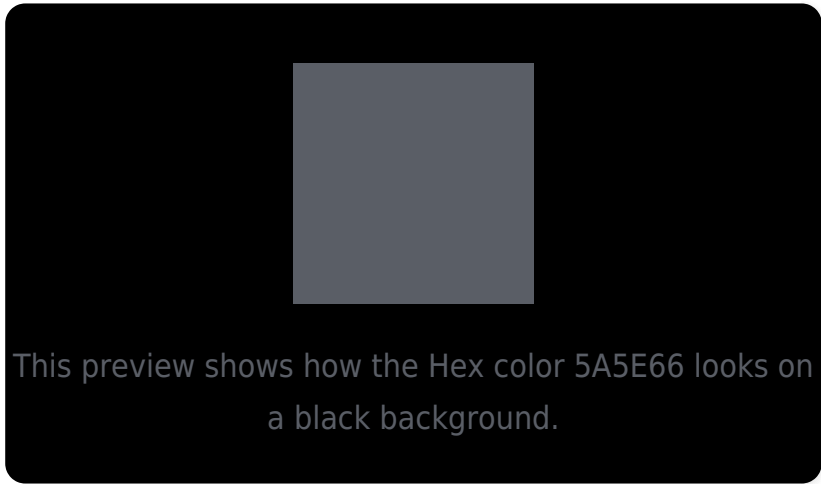
Large Text (above 18pt) WCAG AA ✓ Pass

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

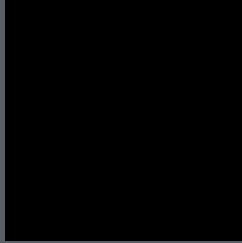
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

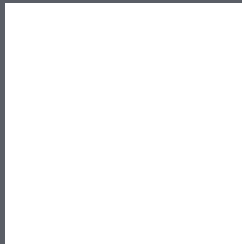
Any Text WCAG AAA × Fail

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

Hex 5A5E66 Background



This preview shows how black text looks on a background with the Hex color 5A5E66.



This preview shows how white text looks on a background with the Hex color 5A5E66.

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
5A5E66

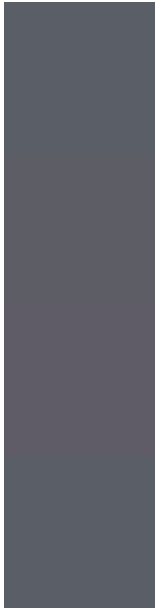
Protanopia
5D5D65

Deuteranopia
635B67



Tritanopia
5A5E66

Trichromacy



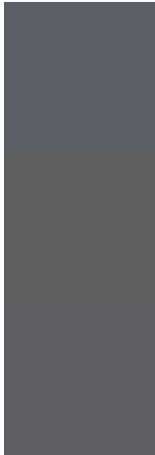
Original Color
5A5E66

Protanomaly
5C5D65

Deuteranomaly
605C67

Tritanomaly
5A5E66

Monochromacy



Original Color
5A5E66

Achromatopsia
5E5E5E

Achromatomaly
5D5E61

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5E66 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 #5A5E66 looks like.

```
.text, #text, p{  
    color:#5A5E66  
}
```

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 #5A5E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5E66  
}
```

Border

The CSS property to change the border of an element to Hex 5A5E66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

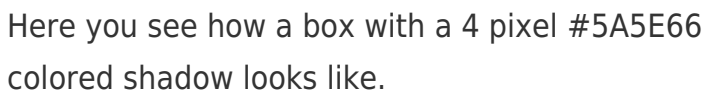
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A5E66 }
```

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

```
.border{ border-color:#5A5E66 }
```

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



Here you see how a box with a 4 pixel #5A5E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5E66; -webkit-box-shadow:4px 4px  
4px 4px #5A5E66; box-shadow:4px 4px 4px  
4px #5A5E66 }
```

Background

The CSS property to change the background color of an element to Hex 5A5E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5E66 }
```

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

```
.background{ background-color:#5A5E66 }
```

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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