

Converting Colors

Hex(5B5167)

Have a look what the booklet for
Hex(5B5167) contains.

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Color

Hex(5B5167)

Conversions

Conversions Part 1

Format	Color
Hex	5B5167
RGB	91, 81, 103
RGB Percent	36%, 32%, 40%
CMY	0.6431, 0.6824, 0.5961
CMYK	0.12, 0.21, 0.00, 0.60
HSL	267°, 12%, 36%
HSV	267°, 21%, 40%
XYZ	9.7050, 9.0883, 14.0747
YIQ	86.4980, -1.1020, 8.9620

Conversions

Conversions Part 2

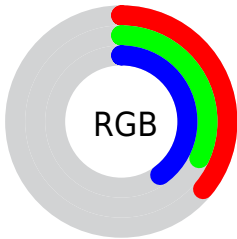
Format	Color
RYB	91, 81, 103
Decimal	5984615
CIELab	36.15, 8.90, -11.20
CIElCh	36, 14.308, 308.455
Yxy	9.0883, 0.2953, 0.2765
Android (android.graphics.Color)	4284174695 (0xFF5B5167)
YUV	86.4980, 8.1355, 3.9483
Hunter-Lab	30.1468, 4.7067, -6.5781

Details

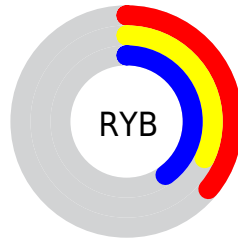
The Hex color **5B5167** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D6751**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8D829A**, and **2D2438** is the 20% darker color. If you saturate the color by 10%, you get **554767**, and if you desaturate by 10%, it is **615B67**.

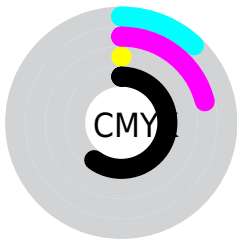
Distribution



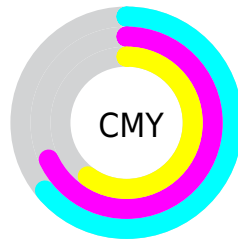
- Red (36%)
- Green (32%)
- Blue (40%)



- Red (36%)
- Yellow (32%)
- Blue (40%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5167 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 5B5167 by changing the saturation by 10% instead.

■ 5B5167

■ 5B5167

FFFFFF

■ 433A4F

■ 8D829A

■ 2D2438

■ A89CB5

■ 181023

■ C3B7D0

■ 00000B

■ DFD3ED

■ 000000

■ FCEFF

■ 5B5167

■ 5B5167

■ 554767

■ 615B67

■ 503C67

■ 666667

■ 4A3267

■ 6C7067

■ 452867

■ 717A67

■ 3F1D67

■ 778467

■ 391367

■ 7D8F67

■ 340967

■ 829967

■ 2F0067

■ 88A367

■ 8EAE67

Harmonies

Analogous

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



4C556C



5B5167



674E5E

Triad

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



5B5167



655140



375C58

Complementary

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



5B5167



5D6751

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.



415B4C



5B5167



5A553E

Square

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



5B5167



6B4E47



4D5943



345B63

Rectangle

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



5B5167



6B4D56



4D5943



395C54

Sweetspot

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



5B5167



837F87



515D67



424045



C4C4C4



454545

Same Dimension

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



5B5167



746487



665167



302E33



340073



6E00F2

Inverse Universe

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



67515D



876477



526751



332E31



73003F



F20084

Previews

White Background



This preview shows how the Hex color 5B5167 looks on a white background.

Color Contrast Check

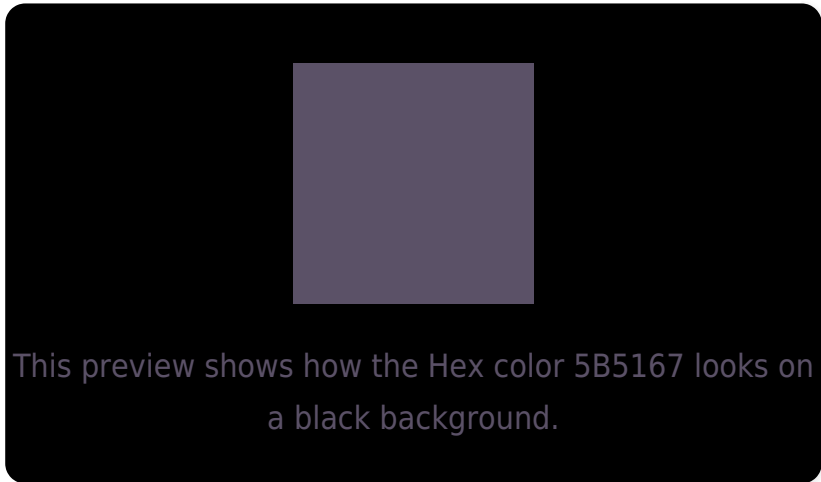
Large Text (above 18pt) WCAG AA ✓ Pass

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

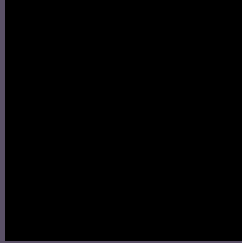
Any Text WCAG AA × Fail

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 5B5167 Background



This preview shows how black text looks on a background with the Hex color 5B5167.



This preview shows how white text looks on a background with the Hex color 5B5167.

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
5B5167

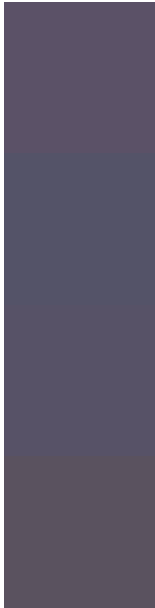
Protanopia
505469

Deuteranopia
555367



Tritanopia
59535A

Trichromacy



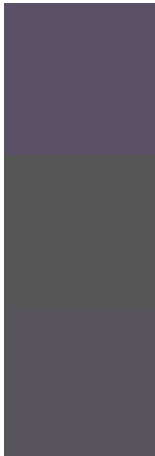
Original Color
5B5167

Protanomaly
545368

Deuteranomaly
575267

Tritanomaly
5A525F

Monochromacy



Original Color
5B5167

Achromatopsia
565656

Achromatomaly
58545C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5167 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 #5B5167 looks like.

```
.text, #text, p{  
    color:#5B5167  
}
```

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 #5B5167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5167
}
```

Border

The CSS property to change the border of an element to Hex 5B5167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

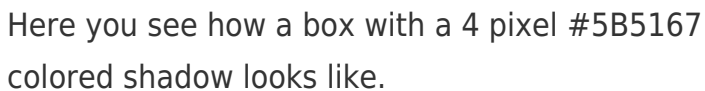
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5167 }
```

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

```
.border{ border-color:#5B5167 }
```

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



Here you see how a box with a 4 pixel #5B5167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5167; -webkit-box-shadow:4px 4px  
4px 4px #5B5167; box-shadow:4px 4px 4px  
4px #5B5167 }
```

Background

The CSS property to change the background color of an element to Hex 5B5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5167 }
```

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

```
.background{ background-color:#5B5167 }
```

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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