

Converting Colors

Hex(5B516A)

Have a look what the booklet for
Hex(5B516A) contains.

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Color

Hex(5B516A)

Conversions

Conversions Part 1

Format	Color
Hex	5B516A
RGB	91, 81, 106
RGB Percent	36%, 32%, 42%
CMY	0.6431, 0.6824, 0.5843
CMYK	0.14, 0.24, 0.00, 0.58
HSL	264°, 13%, 37%
HSV	264°, 24%, 42%
XYZ	9.8583, 9.1496, 14.8821
YIQ	86.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

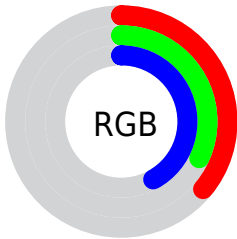
Format	Color
R_{YB}	91, 81, 106
Decimal	5984618
CIE _{Lab}	36.27, 9.62, -12.90
CIE _{LCh}	36, 16.091, 306.706
Yxy	9.1496, 0.2909, 0.2700
Android (android.graphics.Color)	4284174698 (0xFF5B516A)
YUV	86.8400, 9.4459, 3.6483
Hunter-Lab	30.2483, 5.2410, -7.9968

Details

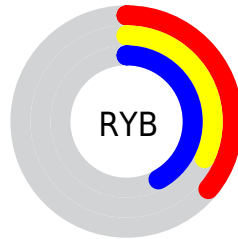
The Hex color **5B516A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **606A51**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8D829D**, and **2D243B** is the 20% darker color. If you saturate the color by 10%, you get **55466A**, and if you desaturate by 10%, it is **615C6A**.

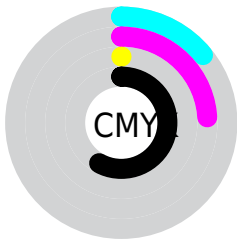
Distribution



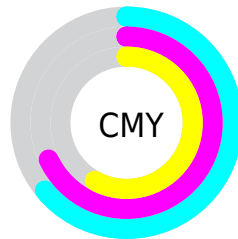
- Red (36%)
- Green (32%)
- Blue (42%)



- Red (36%)
- Yellow (32%)
- Blue (42%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B516A 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 5B516A by changing the saturation by 10% instead.



5B516A



5B516A

FFFFFF



433A52



8D829D



2D243B



A89CB8



181025



C3B7D4



00010F



DFD3F0



000000



FCEFFF



5B516A



5B516A



55466A



615C6A



4E3C6A



68666A

48316A

6E716A

42276A

747B6A

3B1C6A

7B866A

35116A

81916A

2E076A

889B6A

2A006A

8EA66A

94B06A

Harmonies

Analogous

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



49566F



5B516A



684D60

Triad

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



5B516A



67513E



335D58

Complementary

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



5B516A



606A51

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.



3F5C4B



5B516A



5C553C

Square

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



5B516A



6E4D46



4E5940



2F5C64

Rectangle

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



5B516A



6E4C57



4E5940



365C53

Sweetspot

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



5B516A



84808A



51606A



423F45



C4C4C4



454545

Same Dimension

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



5B516A



73638A



68516A



323036



2F0075



6200F5

Inverse Universe

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



6A5160



8A637A



546A51



363033



750046



F50093

Previews

White Background



This preview shows how the Hex color 5B516A looks on a white background.

Color Contrast Check

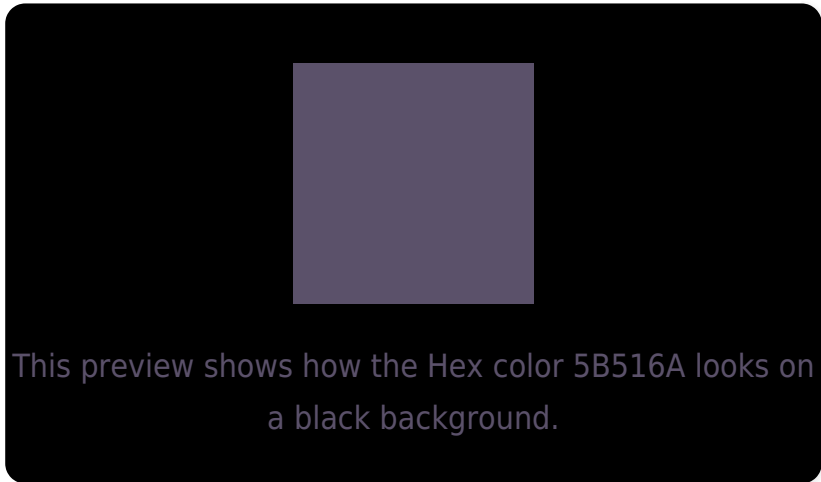
Large Text (above 18pt) WCAG AA ✓ Pass

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

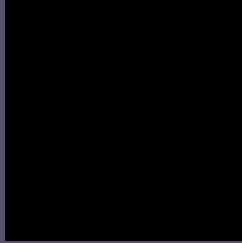
Any Text WCAG AA × Fail

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 5B516A Background



This preview shows how black text looks on a background with the Hex color 5B516A.



This preview shows how white text looks on a background with the Hex color 5B516A.

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
5B516A

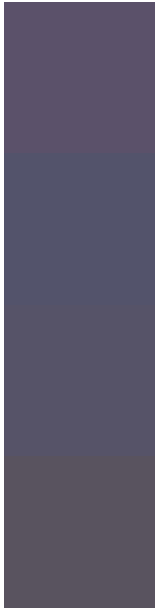
Protanopia
4F546C

Deuteranopia
535469



Tritanopia
58545A

Trichromacy



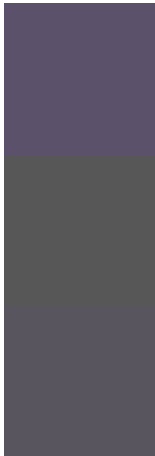
Original Color
5B516A

Protanomaly
53536B

Deuteranomaly
565369

Tritanomaly
595360

Monochromacy



Original Color
5B516A

Achromatopsia
575757

Achromatomaly
58555E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B516A 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 #5B516A looks like.

```
.text, #text, p{  
    color:#5B516A  
}
```

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 #5B516A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B516A
}
```

Border

The CSS property to change the border of an element to Hex 5B516A 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
#5B516A }
```

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

```
.border{ border-color:#5B516A }
```

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

Here you see how a box with a 4 pixel #5B516A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B516A; -webkit-box-shadow:4px 4px  
4px 4px #5B516A; box-shadow:4px 4px 4px  
4px #5B516A }
```

Background

The CSS property to change the background color of an element to Hex 5B516A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B516A }
```

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

```
.background{ background-color:#5B516A }
```

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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