

# Converting Colors

Hex(505B6F)

Have a look what the booklet for  
Hex(505B6F) contains.

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# Color

Hex(505B6F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	505B6F
RGB	80, 91, 111
RGB Percent	31%, 36%, 44%
CMY	0.6863, 0.6431, 0.5647
CMYK	0.28, 0.18, 0.00, 0.56
HSL	219°, 16%, 37%
HSV	219°, 28%, 44%
XYZ	9.9186, 10.3353, 16.5111
YIQ	89.9910, -12.9760, 3.8880

# Conversions

## Conversions Part 2

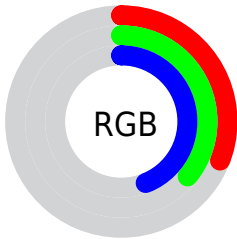
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 88, 111
Decimal	5266287
CIE Lab	38.44, 0.76, -12.79
CIE LCh	38, 12.816, 273.378
Yxy	10.3353, 0.2698, 0.2811
Android (android.graphics.Color)	4283456367 (0xFF505B6F)
YUV	89.9910, 10.3574, -8.7621
Hunter-Lab	32.1486, -1.1887, -7.9465

# Details

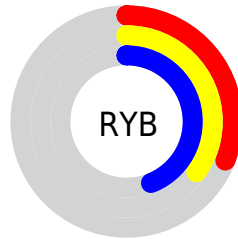
The Hex color **505B6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6450**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **828DA3**, and **222D3F** is the 20% darker color. If you saturate the color by 10%, you get **45546F**, and if you desaturate by 10%, it is **5B626F**.

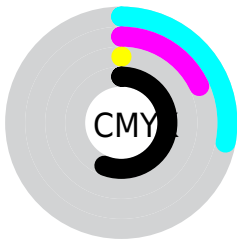
# Distribution



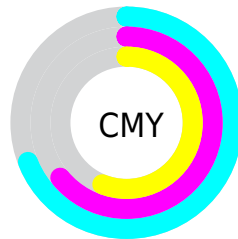
- Red (31%)
- Green (36%)
- Blue (44%)



- Red (31%)
- Yellow (35%)
- Blue (44%)



- Cyan (28%)
- Magenta (18%)
- Yellow (0%)
- Black (56%)



- Cyan (69%)
- Magenta (64%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 505B6F 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 505B6F by changing the saturation by 10% instead.



■ 505B6F

■ 505B6F

FFFFFF

■ 394457

■ 828DA3

■ 222D3F

■ 9CA7BE

■ 0C1929

■ B7C3DA

■ 000115

■ D3DEF6

■ 000000

■ EFFBFF

■ 505B6F

■ 505B6F

■ 45546F

■ 5B626F

■ 3A4D6F

■ 66696F

■ 2F466F

■ 71706F

■ 243E6F

■ 7C786F

■ 19376F

■ 887F6F

■ 0D306F

■ 93866F

■ 02296F

■ 9E8D6F

■ 00276F

■ A9946F

■ B49B6F

# Harmonies

## Analogous

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



445E6D



505B6F



5E576C

# Triad

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



505B6F



705450



4A6051

# Complementary

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



505B6F



6F6450

# 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.



565D49



505B6F



6A5748

# Square

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



505B6F



6F535A



615A46



41605B

# Rectangle

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



505B6F



665567



615A46



4E5F4E



# Sweetspot

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



505B6F



868A91



506F64



43454A



C9C9C9



4A4A4A



# Same Dimension

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



505B6F



607191



54506F



323438



002B78



0058F7



# Inverse Universe

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



6F505B



916071



6B6F50



383234



78002B



F70058



# Previews

## White Background



This preview shows how the Hex color 505B6F looks on a white background.

## Color Contrast Check

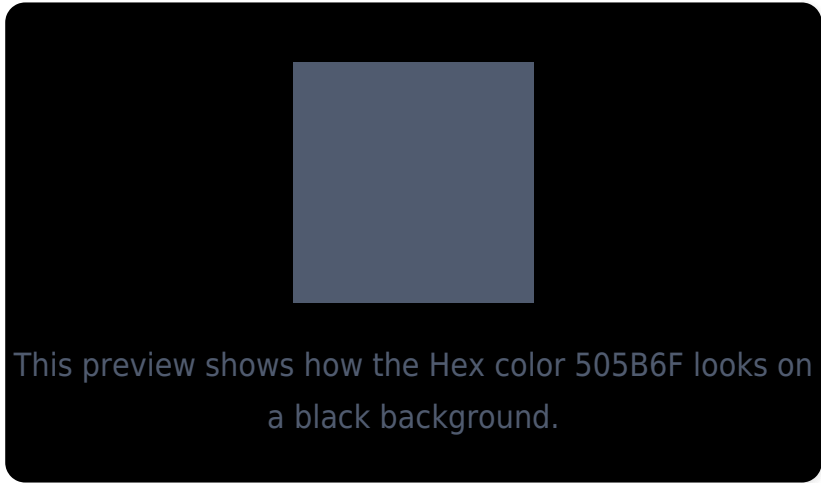
Large Text (above 18pt) WCAG AA ✓ Pass

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

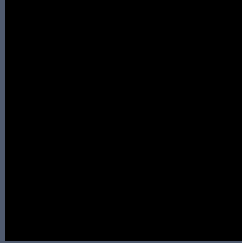
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

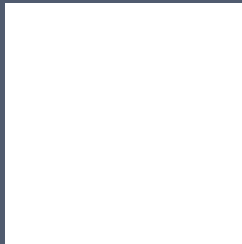
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 505B6F Background



This preview shows how black text looks on a background with the Hex color 505B6F.

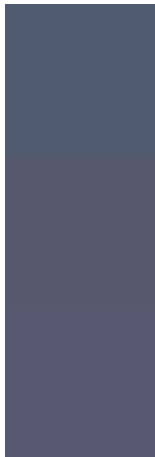


This preview shows how white text looks on a background with the Hex color 505B6F.

# 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**  
505B6F

**Protanopia**  
56596E

**Deuteranopia**  
585870



**Tritanopia**  
4E5D64

# Trichromacy



**Original Color**  
505B6F

**Protanomaly**  
545A6E

**Deuteranomaly**  
555970

**Tritanomaly**  
4F5C68

# Monochromacy



**Original Color**  
505B6F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
565A62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 505B6F 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 #505B6F looks like.

```
.text, #text, p{  
    color:#505B6F  
}
```

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 #505B6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505B6F
}
```

## Border

The CSS property to change the border of an element to Hex 505B6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

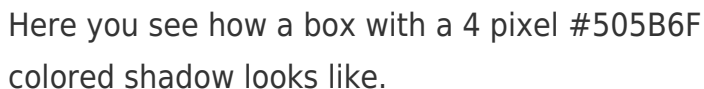
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#505B6F }
```

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

```
.border{ border-color:#505B6F }
```

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



Here you see how a box with a 4 pixel #505B6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505B6F; -webkit-box-shadow:4px 4px  
4px 4px #505B6F; box-shadow:4px 4px 4px  
4px #505B6F }
```

# Background

The CSS property to change the background color of an element to Hex 505B6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505B6F }
```

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

```
.background{ background-color:#505B6F }
```

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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