

# Converting Colors

Hex(505B5E)

Have a look what the booklet for  
Hex(505B5E) contains.

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# Color

Hex(505B5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	505B5E
RGB	80, 91, 94
RGB Percent	31%, 36%, 37%
CMY	0.6863, 0.6431, 0.6314
CMYK	0.15, 0.03, 0.00, 0.63
HSL	193°, 8%, 34%
HSV	193°, 15%, 37%
XYZ	9.0697, 9.9958, 12.0410
YIQ	88.0530, -7.5190, -1.3990

# Conversions

## Conversions Part 2

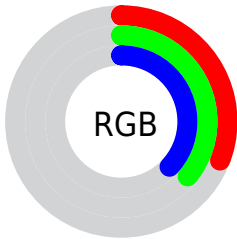
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 86, 94
Decimal	5266270
CIE <sub>Lab</sub>	37.83, -3.56, -3.18
CIE <sub>LCh</sub>	38, 4.776, 221.746
Yxy	9.9958, 0.2916, 0.3213
Android (android.graphics.Color)	4283456350 (0xFF505B5E)
YUV	88.0530, 2.9319, -7.0625
Hunter-Lab	31.6161, -4.1219, -0.4494

# Details

The Hex color **505B5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5350**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **818D90**, and **232D30** is the 20% darker color. If you saturate the color by 10%, you get **47595E**, and if you desaturate by 10%, it is **595D5E**.

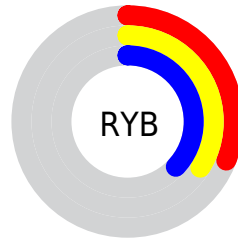
# Distribution



Red (31%)

Green (36%)

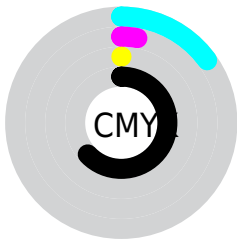
Blue (37%)



Red (31%)

Yellow (34%)

Blue (37%)

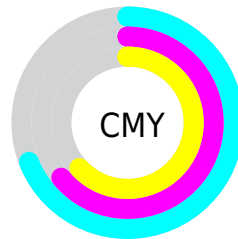


Cyan (15%)

Magenta (3%)

Yellow (0%)

Black (63%)



Cyan (69%)

Magenta (64%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 505B5E 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 505B5E by changing the saturation by 10% instead.



■ 505B5E

■ 505B5E

FFFFFF

■ 394446

■ 818D90

■ 232D30

■ 9BA7AB

■ 0F191B

■ B6C3C6

■ 000000

■ D2DFE2

■ EEFBFF

■ 505B5E

■ 505B5E

■ 47595E

■ 595D5E

■ 3D575E

■ 635F5E

■ 34555E

■ 6C615E

■ 2A535E

■ 76635E

■ 21515E

■ 7F655E

■ 184F5E

■ 88675E

■ 0E4D5E

■ 92695E

■ 054B5E

■ 9B6B5E

■ 004A5E

■ A56D5E

# Harmonies

## Analogous

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



505B5A



505B5E



535A60

# Triad

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



505B5E



60575C



5B5952

# Complementary

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



505B5E



5E5350

# 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.



5F5852



505B5E



615658

# Square

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



505B5E



5C585F



615754



565A53

# Rectangle

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



505B5E



555961



615754



5C5951



# Sweetspot

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



505B5E



76797A



505E53



3A3D3D



BDBDBD



3D3D3D



# Same Dimension

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



505B5E



64767A



50545E



292D2E



00566E



00BAED



# Inverse Universe

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



5E505B



7A6476



5E5A50



2E292D



6E0056

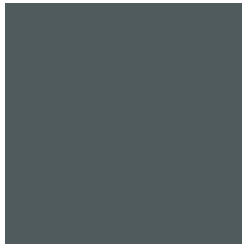


ED00BA



# Previews

## White Background



This preview shows how the Hex color 505B5E looks on a white background.

## Color Contrast Check

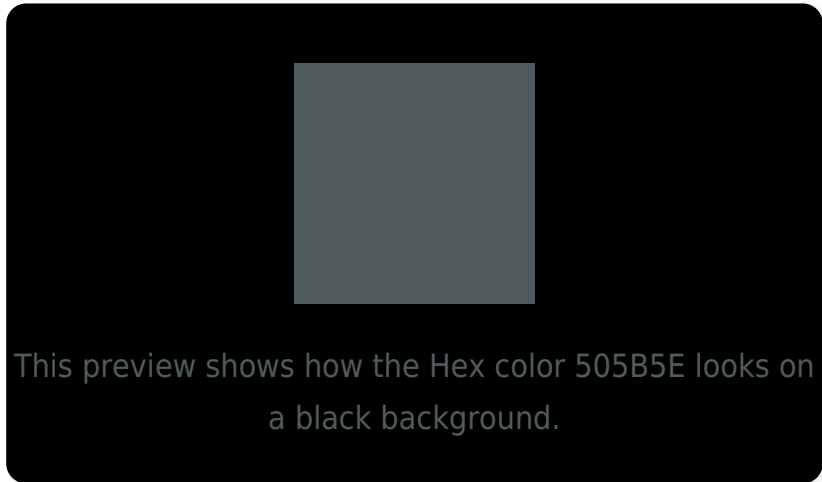
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

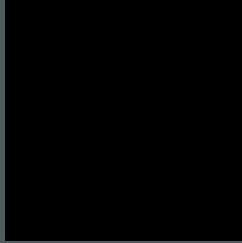
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

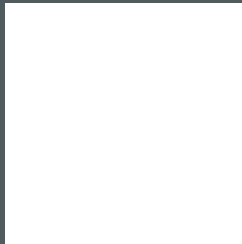
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 505B5E Background



This preview shows how black text looks on a background with the Hex color 505B5E.



This preview shows how white text looks on a background with the Hex color 505B5E.

# 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](#).

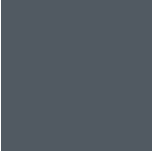
## Dichromacy



**Original Color**  
505B5E

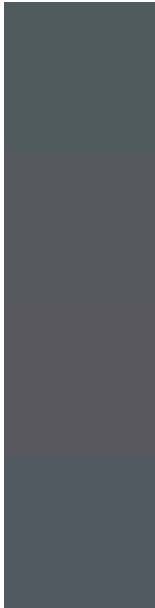
**Protanopia**  
59585C

**Deuteranopia**  
5F565F



**Tritanopia**  
515A62

# Trichromacy



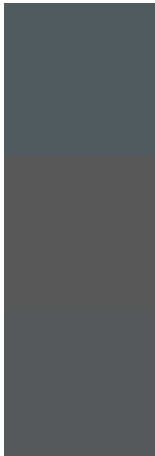
**Original Color**  
505B5E

**Protanomaly**  
56595D

**Deuteranomaly**  
5A585F

**Tritanomaly**  
515A61

# Monochromacy



**Original Color**  
505B5E

**Achromatopsia**  
585858

**Achromatomaly**  
55595A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 505B5E 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 #505B5E looks like.

```
.text, #text, p{  
    color:#505B5E  
}
```

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 #505B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505B5E
}
```

## Border

The CSS property to change the border of an element to Hex 505B5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

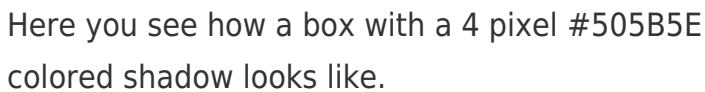
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#505B5E }
```

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

```
.border{ border-color:#505B5E }
```

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



Here you see how a box with a 4 pixel #505B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505B5E; -webkit-box-shadow:4px 4px  
4px 4px #505B5E; box-shadow:4px 4px 4px  
4px #505B5E }
```

# Background

The CSS property to change the background color of an element to Hex 505B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505B5E }
```

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

```
.background{ background-color:#505B5E }
```

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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