

# Converting Colors

Hex(51415E)

Have a look what the booklet for  
Hex(51415E) contains.

<b>Hex(51415E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(51415E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	51415E
RGB	81, 65, 94
RGB Percent	32%, 25%, 37%
CMY	0.6824, 0.7451, 0.6314
CMYK	0.14, 0.31, 0.00, 0.63
HSL	273°, 18%, 31%
HSV	273°, 31%, 37%
XYZ	7.3040, 6.3381, 11.4281
YIQ	73.0900, 0.2270, 12.4110

# Conversions

## Conversions Part 2

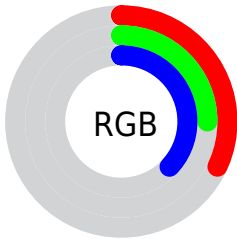
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	81, 65, 94
Decimal	5325150
CIE Lab	30.25, 13.22, -14.60
CIE LCh	30, 19.697, 312.164
Yxy	6.3381, 0.2913, 0.2528
Android (android.graphics.Color)	4283515230 (0xFF51415E)
YUV	73.0900, 10.3086, 6.9371
Hunter-Lab	25.1755, 7.7299, -9.2910

# Details

The Hex color **51415E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4E5E41**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **837190**, and **241630** is the 20% darker color. If you saturate the color by 10%, you get **4D385E**, and if you desaturate by 10%, it is **554A5E**.

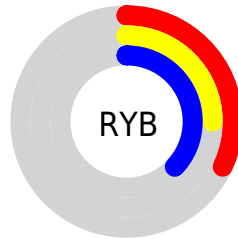
# Distribution



 Red (32%)

 Green (25%)

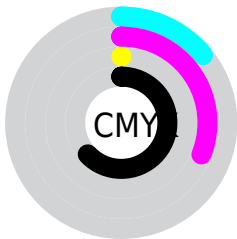
 Blue (37%)



 Red (32%)

 Yellow (25%)

 Blue (37%)

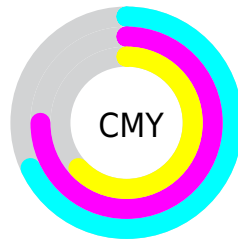


 Cyan (14%)

 Magenta (31%)

 Yellow (0%)

 Black (63%)



 Cyan (68%)

 Magenta (75%)

 Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51415E 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 51415E by changing the saturation by 10% instead.



■ 51415E

■ 51415E

FFFFFF

■ 3A2B46

■ 837190

■ 241630

■ 9D8AAB

■ 11001B

■ B8A5C6

■ 000000

■ D4C0E2

■ F0DCFF

■ FFF8FF

■ 51415E

■ 51415E

■ 4D385E

■ 554A5E

■ 492E5E

■ 59545E

■ 44255E

■ 5E5D5E

■ 401B5E

■ 62675E

■ 3C125E

■ 66705E

■ 38095E

■ 6A795E

■ 34005E

■ 6E835E

■ 738C5E

■ 77965E

# Harmonies

## Analogous

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



3B4765



51415E



5F3D51

# Triad

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



51415E



59432A



134F4D

# Complementary

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



51415E



4E5E41

# 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.



274F3D



51415E



4B4829

# Square

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



51415E



633E33



3A4C30



0B4E5B

# Rectangle

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



51415E



643B47



3A4C30



1A4F48



# Sweetspot

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



51415E



756F7A



414E5E



3A363D



BDBDBD



3D3D3D



# Same Dimension

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



51415E



664D7A



5E415D



2C292E



3C006E



8300ED



# Inverse Universe

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



5E414E



7A4D61



415E42



2E292B



6E0031



ED006A



# Previews

## White Background



This preview shows how the Hex color 51415E looks on a white background.

## Color Contrast Check

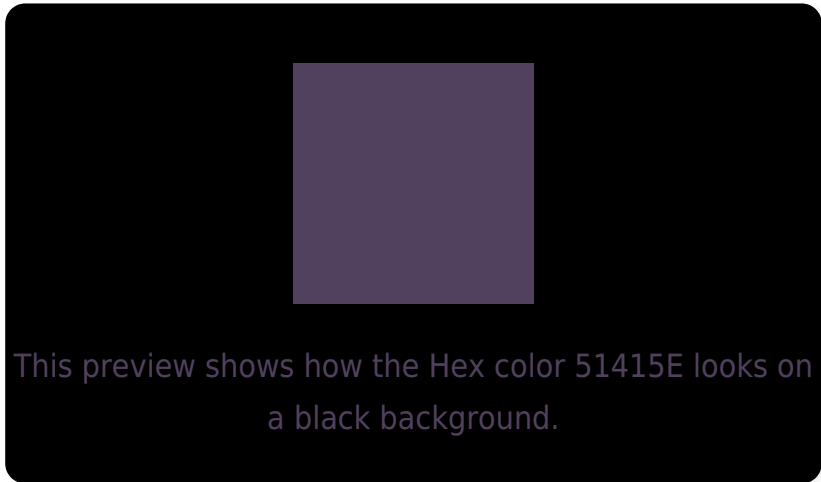
Large Text (above 18pt) WCAG AA ✓ Pass

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

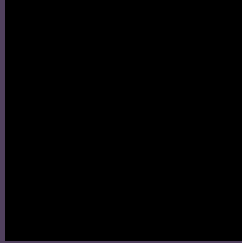
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 51415E Background



This preview shows how black text looks on a background with the Hex color 51415E.

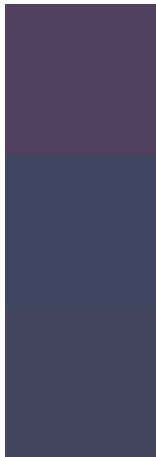


This preview shows how white text looks on a background with the Hex color 51415E.

# 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](#).

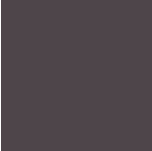
## Dichromacy



**Original Color**  
51415E

**Protanopia**  
3F4662

**Deuteranopia**  
43465D



**Tritanopia**  
4E454A

# Trichromacy



**Original Color**  
51415E

**Protanomaly**  
464461

**Deuteranomaly**  
48445D

**Tritanomaly**  
4F4451

# Monochromacy



**Original Color**  
51415E

**Achromatopsia**  
494949

**Achromatomaly**  
4C4651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51415E 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 #51415E looks like.

```
.text, #text, p{  
    color:#51415E  
}
```

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 #51415E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51415E
}
```

## Border

The CSS property to change the border of an element to Hex 51415E is called "border". The border property can be set on classes, ids or directly on the HTML element.

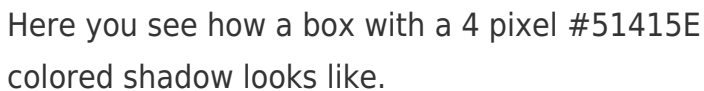
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51415E }
```

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

```
.border{ border-color:#51415E }
```

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



Here you see how a box with a 4 pixel #51415E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51415E; -webkit-box-shadow:4px 4px  
4px 4px #51415E; box-shadow:4px 4px 4px  
4px #51415E }
```

# Background

The CSS property to change the background color of an element to Hex 51415E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51415E }
```

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

```
.background{ background-color:#51415E }
```

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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