

# Converting Colors

Hex(5D615E)

Have a look what the booklet for  
Hex(5D615E) contains.

<b>Hex(5D615E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5D615E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D615E
RGB	93, 97, 94
RGB Percent	36%, 38%, 37%
CMY	0.6353, 0.6196, 0.6314
CMYK	0.04, 0.00, 0.03, 0.62
HSL	135°, 2%, 37%
HSV	135°, 4%, 38%
XYZ	10.8093, 11.6847, 12.2753
YIQ	95.4620, -1.4210, -1.7810

# Conversions

## Conversions Part 2

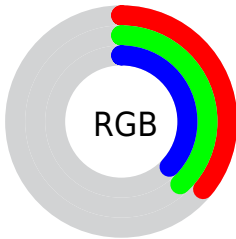
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 96, 97
Decimal	6119774
CIELab	40.71, -2.20, 1.16
CIElCh	41, 2.484, 152.167
Yxy	11.6847, 0.3109, 0.3361
Android (android.graphics.Color)	4284309854 (0xFF5D615E)
YUV	95.4620, -0.7208, -2.1592
Hunter-Lab	34.1829, -3.3750, 2.6365

# Details

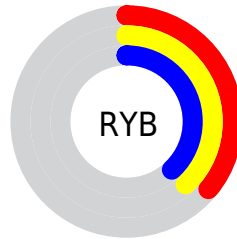
The Hex color **5D615E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **615D60**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8F9490**, and **2F3330** is the 20% darker color. If you saturate the color by 10%, you get **536157**, and if you desaturate by 10%, it is **676165**.

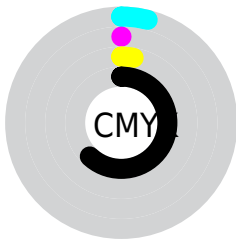
# Distribution



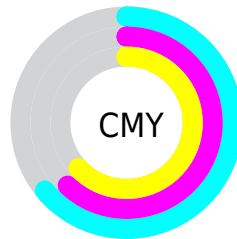
- Red (36%)
- Green (38%)
- Blue (37%)



- Red (36%)
- Yellow (38%)
- Blue (38%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (62%)



- Cyan (64%)
- Magenta (62%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D615E 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 5D615E by changing the saturation by 10% instead.





5D615E



5D615E

FFFFFF



454946



8F9490



2F3330



AAAEAB



1A1E1B



C5CAC6



000400



E1E6E2



000000

FEFFFF



5D615E



5D615E



536157



676165



4A614F



70616D

■ 406148

■ 7A6174

■ 366141

■ 84617B

■ 2D613A

■ 8D6182

■ 236132

■ 97618A

■ 19612B

■ A16191

■ 0F6124

■ AB6198

■ 06611D

■ B4619F

# Harmonies

## Analogous

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



5F615C



5D615E



5B6160

# Triad

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



5D615E



5E6064



645F5E

# Complementary

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



5D615E



615D60

# 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.



645F60



5D615E



615F63

# Square

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



5D615E



5C6163



635F62



645F5C

# Rectangle

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



5D615E



5B6161



635F62



655F5E



# Sweetspot

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



5D615E



7C7D7C



60615D



3F403F



BFBFBF



404040



# Same Dimension

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



5D615E



777D78



5D6160



2E302E



00701C



00F03C



# Inverse Universe

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



615D60



7D777B



615D5E



302E30



700054



F000B4



# Previews

## White Background



This preview shows how the Hex color 5D615E looks on a white background.

## Color Contrast Check

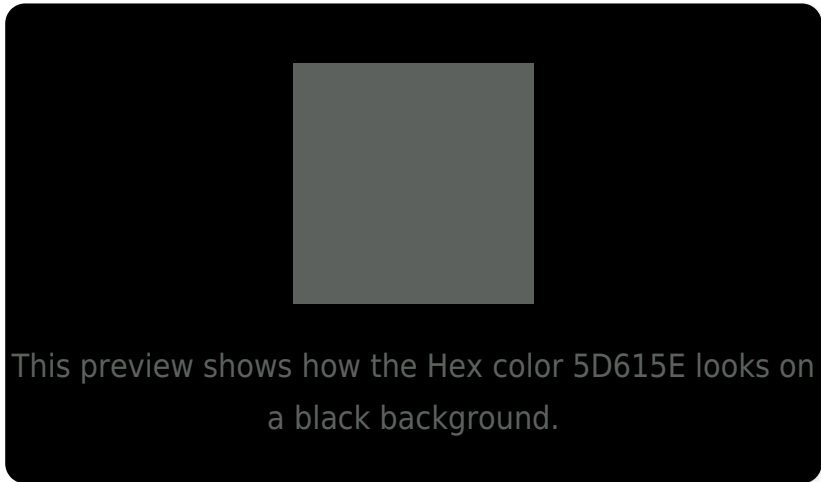
Large Text (above 18pt) WCAG AA ✓ Pass

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

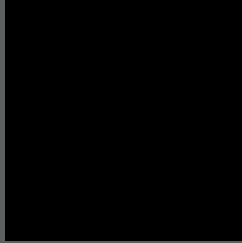
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

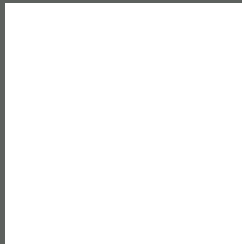
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D615E Background



This preview shows how black text looks on a background with the Hex color 5D615E.



This preview shows how white text looks on a background with the Hex color 5D615E.

# 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**  
5D615E

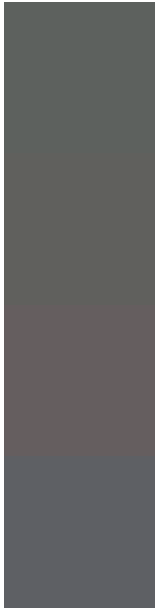
**Protanopia**  
625F5D

**Deuteranopia**  
695D5F



**Tritanopia**  
5E6067

# Trichromacy



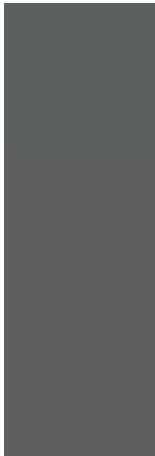
**Original Color**  
5D615E

**Protanomaly**  
60605D

**Deuteranomaly**  
655E5F

**Tritanomaly**  
5E6064

# Monochromacy



**Original Color**  
5D615E

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5E605F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D615E 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 #5D615E looks like.

```
.text, #text, p{  
    color:#5D615E  
}
```

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 #5D615E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D615E
}
```

## Border

The CSS property to change the border of an element to Hex 5D615E is called "border". The border property can be set on classes, ids or directly on the HTML element.

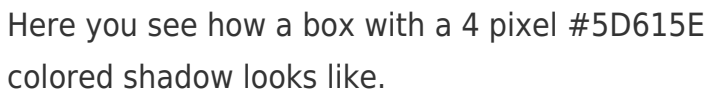
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D615E }
```

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

```
.border{ border-color:#5D615E }
```

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



Here you see how a box with a 4 pixel #5D615E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D615E; -webkit-box-shadow:4px 4px  
4px 4px #5D615E; box-shadow:4px 4px 4px  
4px #5D615E }
```

# Background

The CSS property to change the background color of an element to Hex 5D615E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D615E }
```

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

```
.background{ background-color:#5D615E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor