

# Converting Colors

Hex(5D583E)

Have a look what the booklet for  
Hex(5D583E) contains.

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# Color

Hex(5D583E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D583E
RGB	93, 88, 62
RGB Percent	36%, 35%, 24%
CMY	0.6353, 0.6549, 0.7569
CMYK	0.00, 0.05, 0.33, 0.64
HSL	50°, 20%, 30%
HSV	50°, 33%, 36%
XYZ	8.8734, 9.6544, 5.9532
YIQ	86.5310, 11.3260, -7.0260

# Conversions

## Conversions Part 2

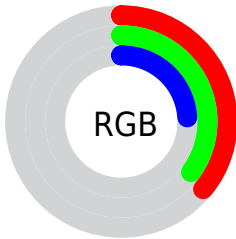
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 93, 62
Decimal	6117438
CIELab	37.21, -2.55, 15.84
CIELCh	37, 16.045, 99.149
Yxy	9.6544, 0.3625, 0.3944
Android (android.graphics.Color)	4284307518 (0xFF5D583E)
YUV	86.5310, -12.0938, 5.6733
Hunter-Lab	31.0715, -3.3991, 10.3902

# Details

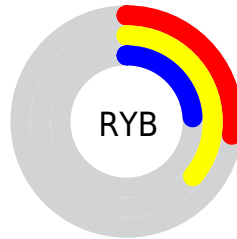
The Hex color **5D583E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E435D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **908A6E**, and **2E2B13** is the 20% darker color. If you saturate the color by 10%, you get **5D5735**, and if you desaturate by 10%, it is **5D5A47**.

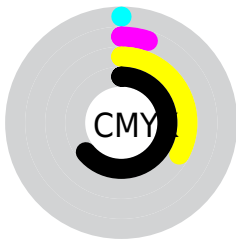
# Distribution



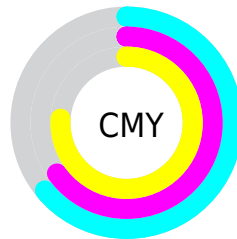
- Red (36%)
- Green (35%)
- Blue (24%)



- Red (27%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D583E 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 5D583E by changing the saturation by 10% instead.





5D583E



5D583E

FFFFFF



454128



908A6E



2E2B13



AAA487



1A1600



C6BFA1



000000



E2DBBD



FFF7D8



FFFFF5



5D583E



5D583E



5D5735



5D5A47

 5D552B

 5D5B51

 5D5422

 5D5D5A

 5D5219

 5D5E63

 5D5110

 5D5F6D

 5D4F06

 5D6176

 5D4E00

 5D627F

 5D6488

 5D6692

# Harmonies

## Analogous

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



695440



5D583E



4F5C43

# Triad

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



5D583E



325E67



6B4F61

# Complementary

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



5D583E



3E435D

# 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.



5F536C



5D583E



3C5B6F

# Square

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



5D583E



345F5B



4D5771



724E54

# Rectangle

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



5D583E



455D4A



4D5771



685065



# Sweetspot

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



5D583E



78766C



5D3E43



3D3C36



BDBDBD



3D3D3D



# Same Dimension

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



5D583E



787048



535D3E



2E2D29



6E5C00



EDC700



# Inverse Universe

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



3E435D



485078



483E5D



292A2E



00126E



0026ED



# Previews

## White Background



This preview shows how the Hex color 5D583E looks on a white background.

## Color Contrast Check

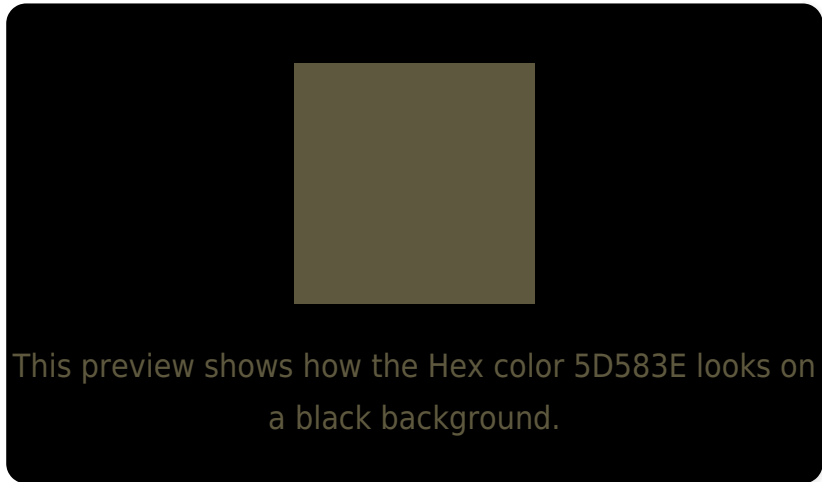
Large Text (above 18pt) WCAG AA ✓ Pass

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

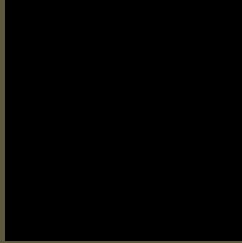
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

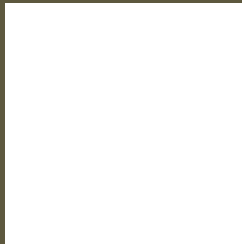
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D583E Background



This preview shows how black text looks on a background with the Hex color 5D583E.

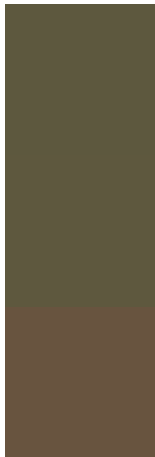


This preview shows how white text looks on a background with the Hex color 5D583E.

# 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**  
5D583E

**Protanopia**  
5E583E

**Deuteranopia**  
68543F



**Tritanopia**  
60545B

# Trichromacy



**Original Color**  
5D583E

**Protanomaly**  
5E583E

**Deuteranomaly**  
64553F

**Tritanomaly**  
5F5550

# Monochromacy



**Original Color**  
5D583E

**Achromatopsia**  
575757

**Achromatomaly**  
59574E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D583E 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 #5D583E looks like.

```
.text, #text, p{  
    color:#5D583E  
}
```

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 #5D583E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D583E
}
```

## Border

The CSS property to change the border of an element to Hex 5D583E is called "border". The border property can be set on classes, ids or directly on the HTML element.

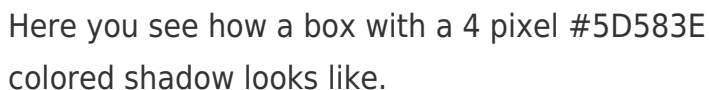
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D583E }
```

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

```
.border{ border-color:#5D583E }
```

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



Here you see how a box with a 4 pixel #5D583E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D583E; -webkit-box-shadow:4px 4px  
4px 4px #5D583E; box-shadow:4px 4px 4px  
4px #5D583E }
```

# Background

The CSS property to change the background color of an element to Hex 5D583E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D583E }
```

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

```
.background{ background-color:#5D583E }
```

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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