

# Converting Colors

Hex(56333B)

Have a look what the booklet for  
Hex(56333B) contains.

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# Color

**Hex(56333B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56333B
RGB	86, 51, 59
RGB Percent	34%, 20%, 23%
CMY	0.6627, 0.8000, 0.7686
CMYK	0.00, 0.41, 0.31, 0.66
HSL	346°, 26%, 27%
HSV	346°, 41%, 34%
XYZ	5.8110, 4.6619, 4.7312
YIQ	62.3770, 18.2920, 9.9080

# Conversions

## Conversions Part 2

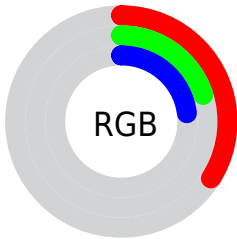
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 51, 59
Decimal	5649211
CIE <sub>Lab</sub>	25.75, 17.02, 1.67
CIE <sub>LCh</sub>	26, 17.103, 5.596
Yxy	4.6619, 0.3822, 0.3066
Android (android.graphics.Color)	4283839291 (0xFF56333B)
YUV	62.3770, -1.6649, 20.7174
Hunter-Lab	21.5913, 10.2559, 2.1219

# Details

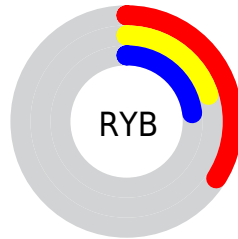
The Hex color **56333B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33564E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **89626A**, and **280710** is the 20% darker color. If you saturate the color by 10%, you get **562A34**, and if you desaturate by 10%, it is **563C42**.

# Distribution



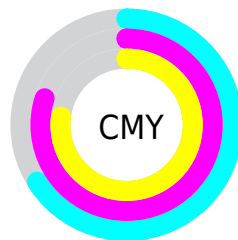
- Red (34%)
- Green (20%)
- Blue (23%)



- Red (34%)
- Yellow (20%)
- Blue (23%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (66%)



- Cyan (66%)
- Magenta (80%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56333B 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 56333B by changing the saturation by 10% instead.





56333B



56333B

FFFFFF



3E1D25



89626A



280710



A47B83



000000



BF959D



DBB0B8



F8CBD4



FFE7F0



56333B



56333B



562A34



563C42

■ 56222E

■ 564448

■ 561927

■ 564D4F

■ 561120

■ 565556

■ 56081A

■ 565E5C

■ 560014

■ 566763

■ 566F69

■ 567870

■ 568077

# Harmonies

## Analogous

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



4F3548



56333B



55352F

# Triad

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



56333B



354127



1A4154

# Complementary

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



56333B



33564E

# 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.



0C434C



56333B



264332

# Square

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



56333B



433D23



16443F



2F3D57

# Rectangle

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



56333B



513728



16443F



134252



# Sweetspot

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



56333B



706366



4E3356



383032



B8B8B8



383838



# Same Dimension

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



56333B



703946



563C33



2B2728



6B0018



EB0036



# Inverse Universe

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



56333B



703946



334D56



2B2728



6B0018

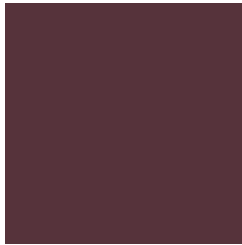


EB0036



# Previews

## White Background



This preview shows how the Hex color 56333B looks on a white background.

## Color Contrast Check

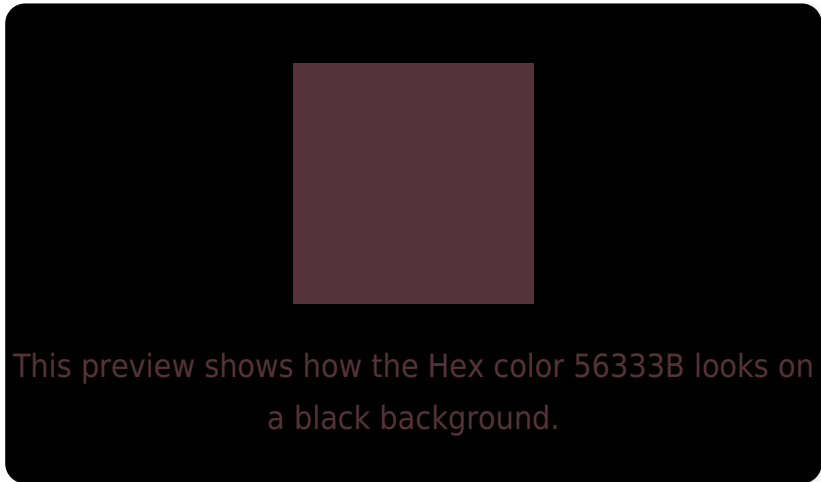
Large Text (above 18pt) WCAG AA ✓ Pass

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

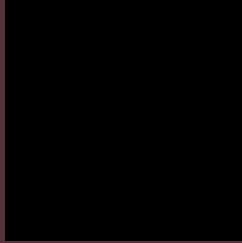
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56333B Background



This preview shows how black text looks on a background with the Hex color 56333B.



This preview shows how white text looks on a background with the Hex color 56333B.

# 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**  
56333B

**Protanopia**  
3E3D41

**Deuteranopia**  
453B3A



**Tritanopia**  
563437

# Trichromacy



**Original Color**  
56333B

**Protanomaly**  
47393F

**Deuteranomaly**  
4B383A

**Tritanomaly**  
563438

# Monochromacy



**Original Color**  
56333B

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
473A3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56333B 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 #56333B looks like.

```
.text, #text, p{  
    color:#56333B  
}
```

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 #56333B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56333B
}
```

## Border

The CSS property to change the border of an element to Hex 56333B is called "border". The border property can be set on classes, ids or directly on the HTML element.

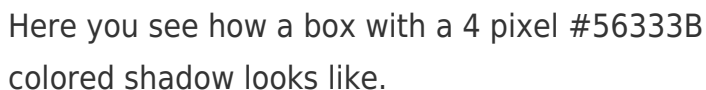
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56333B }
```

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

```
.border{ border-color:#56333B }
```

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



Here you see how a box with a 4 pixel #56333B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56333B; -webkit-box-shadow:4px 4px  
4px 4px #56333B; box-shadow:4px 4px 4px  
4px #56333B }
```

# Background

The CSS property to change the background color of an element to Hex 56333B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56333B }
```

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

```
.background{ background-color:#56333B }
```

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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