

Converting Colors

Hex(66353B)

Have a look what the booklet for
Hex(66353B) contains.

Hex(66353B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66353B)

Conversions

Conversions Part 1

Format	Color
Hex	66353B
RGB	102, 53, 59
RGB Percent	40%, 21%, 23%
CMY	0.6000, 0.7922, 0.7686
CMYK	0.00, 0.48, 0.42, 0.60
HSL	353°, 32%, 30%
HSV	353°, 48%, 40%
XYZ	7.5420, 5.6868, 4.8378
YIQ	68.3350, 27.2780, 12.2540

Conversions

Conversions Part 2

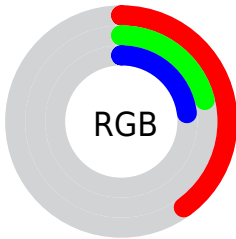
Format	Color
R_{YB}	102, 53, 59
Decimal	6698299
CIE Lab	28.61, 22.58, 6.07
CIE LCh	29, 23.385, 15.053
Yxy	5.6868, 0.4175, 0.3148
Android (android.graphics.Color)	4284888379 (0xFF66353B)
YUV	68.3350, -4.6022, 29.5242
Hunter-Lab	23.8469, 14.7217, 4.6647




Details

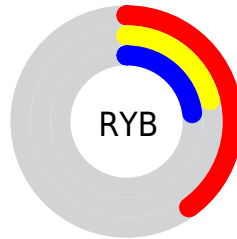
The Hex color **66353B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **356660**, and the grayscale version is **444444**.




A 20% lighter version of the original color is **9B656A**, and **340811** is the 20% darker color. If you saturate the color by 10%, you get **662B32**, and if you desaturate by 10%, it is **663F44**.

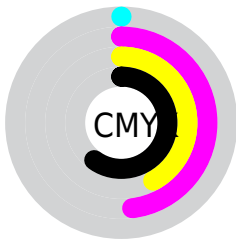
Distribution







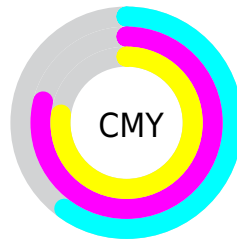
-  Red (40%)
-  Green (21%)
-  Blue (23%)






-  Red (40%)
-  Yellow (21%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (48%)
-  Yellow (42%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (79%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66353B 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 66353B by changing the saturation by 10% instead.

 66353B

 66353B

FFFFFF

 4D1F25


 9B656A

 340811

 B67E83

 1E0001

 D3989D

 000000

 F0B3B8

 FFCFD4

 FFEBF0

 66353B

 66353B

 662B32

 663F44

■ 662129

■ 66494D

■ 661620

■ 665456

■ 660C17

■ 665E5F

■ 66020E

■ 666868

■ 66000C

■ 667271

■ 667C7A

■ 668783

■ 66918C

Harmonies

Analogous

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



61364D



66353B



62392B

Triad

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



66353B



324A29



0F4866

Complementary

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



66353B



356660

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.



004B5C



66353B



174C3A

Square

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



66353B



464520



004D4C



374266

Rectangle

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



66353B



5B3D23



004D4C



004964

Sweetspot

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



66353B



857274



5F3566



423738



C2C2C2



424242

Same Dimension

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



66353B



853841



664735



332E2F



73000E



F2001E

Inverse Universe

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



66353B



853841



355466



332E2F



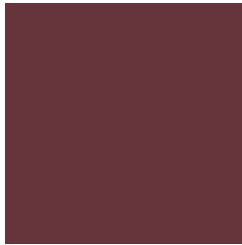
73000E



F2001E

Previews

White Background



This preview shows how the Hex color 66353B looks on a white background.

Color Contrast Check

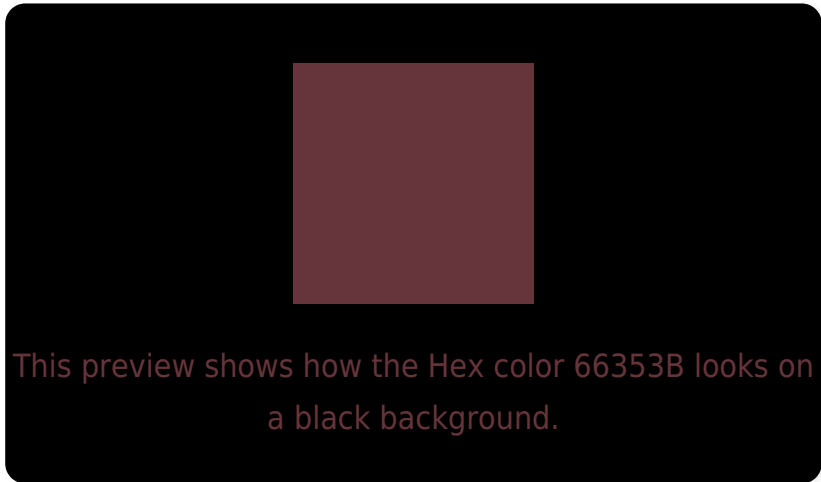
Large Text (above 18pt) WCAG AA ✓ Pass

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

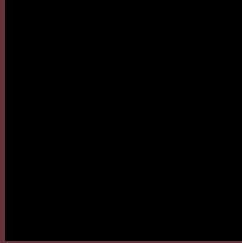
Any Text WCAG AA × Fail

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 66353B Background



This preview shows how black text looks on a background with the Hex color 66353B.



This preview shows how white text looks on a background with the Hex color 66353B.

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
66353B

Protanopia
464443

Deuteranopia
4F4139



Tritanopia
663539

Trichromacy



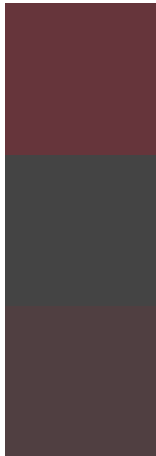
Original Color
66353B

Protanomaly
523F40

Deuteranomaly
573D3A

Tritanomaly
66353A

Monochromacy



Original Color
66353B

Achromatopsia
444444

Achromatomaly
503F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 66353B 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 #66353B looks like.

```
.text, #text, p{  
    color:#66353B  
}
```

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 #66353B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66353B
}
```

Border

The CSS property to change the border of an element to Hex 66353B 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".

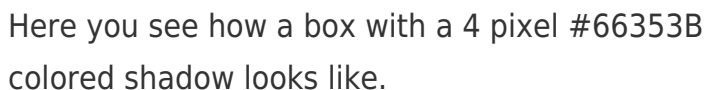
```
.border, #border, table{ border:4px solid
#66353B }
```

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

```
.border{ border-color:#66353B }
```

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

Here you see how a box with a 4 pixel #66353B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #66353B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66353B; -webkit-box-shadow:4px 4px  
4px 4px #66353B; box-shadow:4px 4px 4px  
4px #66353B }
```

Background

The CSS property to change the background color of an element to Hex 66353B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66353B }
```

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

```
.background{ background-color:#66353B }
```

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