

Converting Colors

Hex(60633B)

Have a look what the booklet for
Hex(60633B) contains.

Hex(60633B)	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(60633B)

Conversions

Conversions Part 1

Format	Color
Hex	60633B
RGB	96, 99, 59
RGB Percent	38%, 39%, 23%
CMY	0.6235, 0.6118, 0.7686
CMYK	0.03, 0.00, 0.40, 0.61
HSL	65°, 25%, 31%
HSV	65°, 40%, 39%
XYZ	10.0751, 11.7262, 5.8700
YIQ	93.5430, 11.0520, -13.0760

Conversions

Conversions Part 2

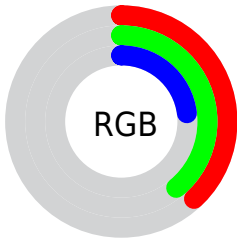
Format	Color
R_{YB}	59, 99, 62
Decimal	6316859
CIE _{Lab}	40.78, -8.10, 22.34
CIE _{LCh}	41, 23.761, 109.929
Yxy	11.7262, 0.3641, 0.4238
Android (android.graphics.Color)	4284506939 (0xFF60633B)
YUV	93.5430, -17.0297, 2.1548
Hunter-Lab	34.2436, -7.4082, 13.8070

Details

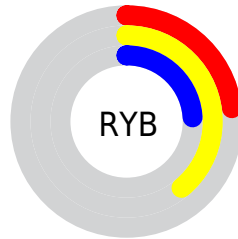
The Hex color **60633B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E3B63**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **93966B**, and **31350F** is the 20% darker color. If you saturate the color by 10%, you get **5F6331**, and if you desaturate by 10%, it is **616345**.

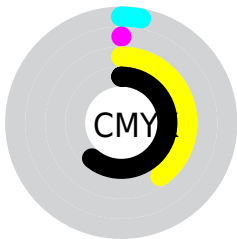
Distribution



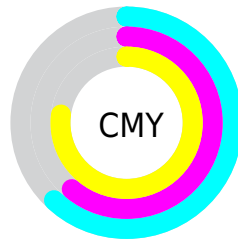
- Red (38%)
- Green (39%)
- Blue (23%)



- Red (23%)
- Yellow (39%)
- Blue (24%)



- Cyan (3%)
- Magenta (0%)
- Yellow (40%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60633B 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 60633B by changing the saturation by 10% instead.



60633B



60633B

FFFFFF



484B25



93966B



31350F



AEB084



1C1F00



CACC9F



000500



E6E8BA



000000



FFFFD5



FFFFF2



60633B



60633B



5F6331



616345

■ 5F6327

■ 61634F

■ 5E631D

■ 626359

■ 5D6313

■ 636363

■ 5C630A

■ 64636D

■ 5C6300

■ 646376

■ 656380

■ 66638A

■ 676394

Harmonies

Analogous

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



735D3A



60633B



4A6846

Triad

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



60633B



1B687D



825268

Complementary

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



60633B



3E3B63

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.



725779



60633B



3A6486

Square

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



60633B



196B6D



595E85



865254

Rectangle

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



60633B



3A6A52



595E85



7E536E

Sweetspot

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



60633B



7E8070



633E3B



3F4037



BFBFBF



404040

Same Dimension

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



60633B



7B8042



4C633B



30302C



687000



DEF000

Inverse Universe

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



3E3B63



474280



523B63



2C2C30



080070



1200F0

Previews

White Background



This preview shows how the Hex color 60633B looks on a white background.

Color Contrast Check

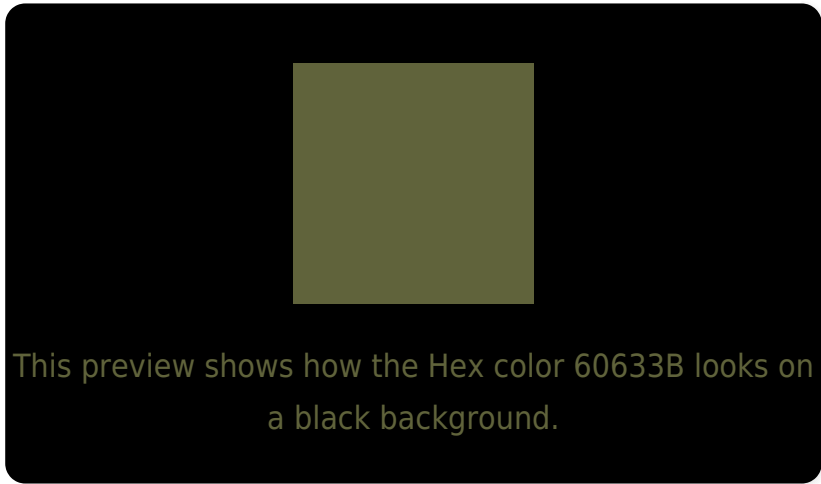
Large Text (above 18pt) WCAG AA ✓ Pass

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

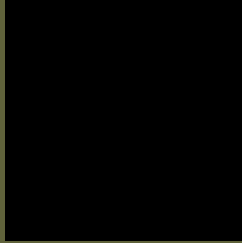
Any Text WCAG AA × Fail

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 60633B Background



This preview shows how black text looks on a background with the Hex color 60633B.



This preview shows how white text looks on a background with the Hex color 60633B.

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
60633B

Protanopia
69603A

Deuteranopia
745C3D



Tritanopia
655E65

Trichromacy



Original Color
60633B

Protanomaly
66613A

Deuteranomaly
6D5F3C

Tritanomaly
636056

Monochromacy



Original Color
60633B

Achromatopsia
5E5E5E

Achromatomaly
5F6051

CSS Examples

Text

The CSS property to change the color of the text to Hex 60633B 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 #60633B looks like.

```
.text, #text, p{  
    color:#60633B  
}
```

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 #60633B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60633B
}
```

Border

The CSS property to change the border of an element to Hex 60633B 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
#60633B }
```

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

```
.border{ border-color:#60633B }
```

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

Here you see how a box with a 4 pixel #60633B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60633B; -webkit-box-shadow:4px 4px  
4px 4px #60633B; box-shadow:4px 4px 4px  
4px #60633B }
```

Background

The CSS property to change the background color of an element to Hex 60633B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60633B }
```

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

```
.background{ background-color:#60633B }
```

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