

Converting Colors

Hex(6B733E)

Have a look what the booklet for
Hex(6B733E) contains.

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Color

Hex(6B733E)

Conversions

Conversions Part 1

Format	Color
Hex	6B733E
RGB	107, 115, 62
RGB Percent	42%, 45%, 24%
CMY	0.5804, 0.5490, 0.7569
CMYK	0.07, 0.00, 0.46, 0.55
HSL	69°, 30%, 35%
HSV	69°, 46%, 45%
XYZ	13.0636, 15.7351, 6.9061
YIQ	106.5660, 12.2450, -18.1790

Conversions

Conversions Part 2

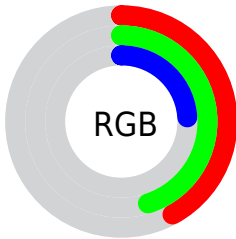
Format	Color
RYB	62, 115, 70
Decimal	7041854
CIELab	46.62, -11.90, 28.21
CIELCh	47, 30.621, 112.869
Yxy	15.7351, 0.3659, 0.4407
Android (android.graphics.Color)	4285231934 (0xFF6B733E)
YUV	106.5660, -21.9710, 0.3806
Hunter-Lab	39.6675, -10.6328, 17.4449

Details

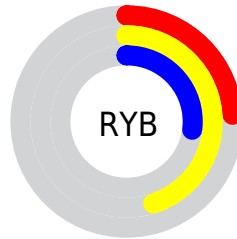
The Hex color **6B733E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **463E73**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9FA76F**, and **3A4310** is the 20% darker color. If you saturate the color by 10%, you get **697333**, and if you desaturate by 10%, it is **6D734A**.

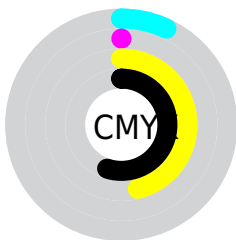
Distribution



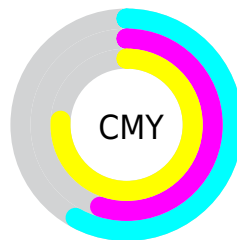
- Red (42%)
- Green (45%)
- Blue (24%)



- Red (24%)
- Yellow (45%)
- Blue (27%)



- Cyan (7%)
- Magenta (0%)
- Yellow (46%)
- Black (55%)



- Cyan (58%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B733E 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 6B733E by changing the saturation by 10% instead.



6B733E



6B733E

FFFFFF



525A27



9FA76F



3A4310



BBC288



252D00



D7DEA3



061900



F3FABE



000000



FFFFDA



FFFFF7



6B733E



6B733E



697333



6D734A

■ 687327

■ 6E7355

■ 66731C

■ 707361

■ 647310

■ 72736C

■ 627305

■ 747378

■ 627300

■ 757383

■ 77738F

■ 79739A

■ 7B73A5

Harmonies

Analogous

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



846B3B



6B733E



4D794F

Triad

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



6B733E



007997



9C5B76

Complementary

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



6B733E



463E73

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.



89618E



6B733E



3A73A1

Square

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



6B733E



007C82



686A9E



A05B5C

Rectangle

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



6B733E



357B5F



686A9E



975C7E

Sweetspot

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



6B733E



939681



73463E



4B4D3F



CCCCCC



4D4D4D

Same Dimension

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



6B733E



8A9644



51733E



3A3B35



687A00



D4FA00

Inverse Universe

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



463E73



504496



603E73



36353B



12007A



2600FA

Previews

White Background



This preview shows how the Hex color 6B733E looks on a white background.

Color Contrast Check

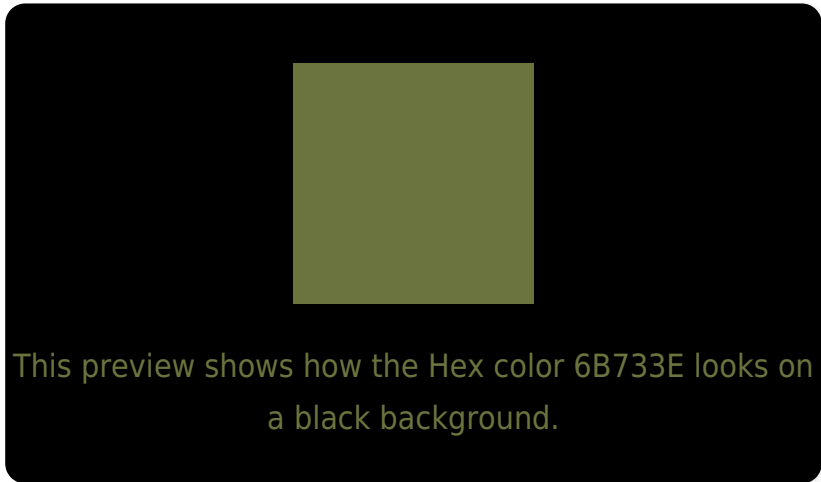
Large Text (above 18pt) WCAG AA ✓ Pass

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

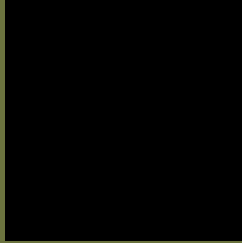
Any Text WCAG AA × Fail

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 6B733E Background



This preview shows how black text looks on a background with the Hex color 6B733E.



This preview shows how white text looks on a background with the Hex color 6B733E.

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
6B733E

Protanopia
796E3C

Deuteranopia
866940



Tritanopia
716D75

Trichromacy



Original Color
6B733E

Protanomaly
74703D

Deuteranomaly
7C6D3F

Tritanomaly
6F6F61

Monochromacy



Original Color
6B733E

Achromatopsia
6B6B6B

Achromatomaly
6B6E5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B733E 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 #6B733E looks like.

```
.text, #text, p{  
    color:#6B733E  
}
```

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 #6B733E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B733E
}
```

Border

The CSS property to change the border of an element to Hex 6B733E is called "border". The border property can be set on classes, ids or directly on the HTML element.

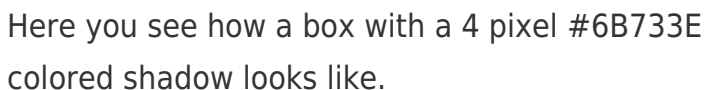
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B733E }
```

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

```
.border{ border-color:#6B733E }
```

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



Here you see how a box with a 4 pixel #6B733E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B733E; -webkit-box-shadow:4px 4px  
4px 4px #6B733E; box-shadow:4px 4px 4px  
4px #6B733E }
```

Background

The CSS property to change the background color of an element to Hex 6B733E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B733E }
```

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

```
.background{ background-color:#6B733E }
```

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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