

Converting Colors

Hex(6B2E34)

Have a look what the booklet for
Hex(6B2E34) contains.

Hex(6B2E34)	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(6B2E34)

Conversions

Conversions Part 1

Format	Color
Hex	6B2E34
RGB	107, 46, 52
RGB Percent	42%, 18%, 20%
CMY	0.5804, 0.8196, 0.7961
CMYK	0.00, 0.57, 0.51, 0.58
HSL	354°, 40%, 30%
HSV	354°, 57%, 42%
XYZ	7.6602, 5.3277, 3.8734
YIQ	64.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

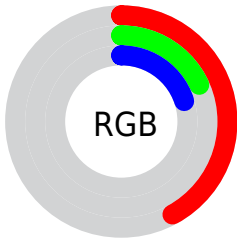
Format	Color
RYB	107, 46, 52
Decimal	7024180
CIELab	27.65, 27.83, 9.48
CIELCh	28, 29.404, 18.807
Yxy	5.3277, 0.4543, 0.3160
Android (android.graphics.Color)	4285214260 (0xFF6B2E34)
YUV	64.9230, -6.3710, 36.9015
Hunter-Lab	23.0819, 18.8460, 6.2077

Details

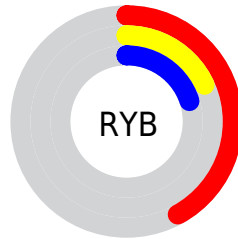
The Hex color **6B2E34** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E6B65**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A15E62**, and **380006** is the 20% darker color. If you saturate the color by 10%, you get **6B232A**, and if you desaturate by 10%, it is **6B393E**.

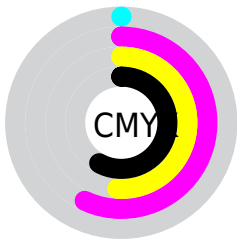
Distribution



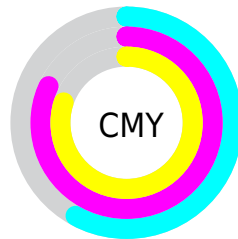
- Red (42%)
- Green (18%)
- Blue (20%)



- Red (42%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (57%)
- Yellow (51%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2E34 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 6B2E34 by changing the saturation by 10% instead.

6B2E34

6B2E34

FFFFFF

51171F

A15E62

380006

BD777B

1F0001

DA9295

000000

F7ACB0

FFC8CB

FFE4E7

6B2E34

6B2E34

6B232A

6B393E

■ 6B1921

■ 6B4347

■ 6B0E17

■ 6B4E51

■ 6B030D

■ 6B595B

■ 6B000B

■ 6B6464

■ 6B6E6E

■ 6B7978

■ 6B8481

■ 6B8E8B

Harmonies

Analogous

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



662E4B



6B2E34



643420

Triad

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



6B2E34



264922



00466D

Complementary

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



6B2E34



2E6B65

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.



004B63



6B2E34



004C38

Square

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



6B2E34



404414



004C4F



343F6C

Rectangle

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



6B2E34



5B3A16



004C4F



00486B

Sweetspot

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



6B2E34



8C7477



652E6B



47393B



C7C7C7



474747

Same Dimension

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



6B2E34



8C2D36



6B462E



363031



75000C



F50018

Inverse Universe

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



6B2E34



8C2D36



2E536B



363031



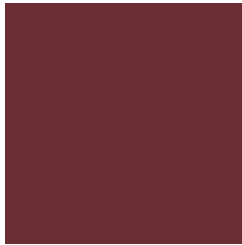
75000C



F50018

Previews

White Background



This preview shows how the Hex color 6B2E34 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

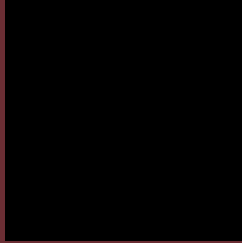
Any Text WCAG AA × Fail

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 6B2E34 Background



This preview shows how black text looks on a background with the Hex color 6B2E34.



This preview shows how white text looks on a background with the Hex color 6B2E34.

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
6B2E34

Protanopia
44423E

Deuteranopia
4E3F31



Tritanopia
6B2E32

Trichromacy



Original Color
6B2E34

Protanomaly
523B3A

Deuteranomaly
593932

Tritanomaly
6B2E33

Monochromacy



Original Color
6B2E34

Achromatopsia
414141

Achromatomaly
503A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2E34 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 #6B2E34 looks like.

```
.text, #text, p{  
    color:#6B2E34  
}
```

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 #6B2E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2E34
}
```

Border

The CSS property to change the border of an element to Hex 6B2E34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

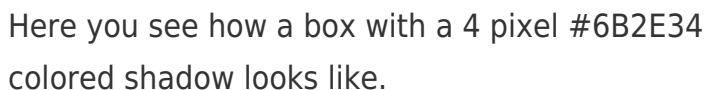
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2E34 }
```

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

```
.border{ border-color:#6B2E34 }
```

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



Here you see how a box with a 4 pixel #6B2E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2E34; -webkit-box-shadow:4px 4px  
4px 4px #6B2E34; box-shadow:4px 4px 4px  
4px #6B2E34 }
```

Background

The CSS property to change the background color of an element to Hex 6B2E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2E34 }
```

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

```
.background{ background-color:#6B2E34 }
```

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