

# Converting Colors

Hex(6B283C)

Have a look what the booklet for  
Hex(6B283C) contains.

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**Color**

**Hex(6B283C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B283C
RGB	107, 40, 60
RGB Percent	42%, 16%, 24%
CMY	0.5804, 0.8431, 0.7647
CMYK	0.00, 0.63, 0.44, 0.58
HSL	342°, 46%, 29%
HSV	342°, 63%, 42%
XYZ	7.6378, 4.9696, 4.8316
YIQ	62.3130, 33.5120, 20.4240

# Conversions

## Conversions Part 2

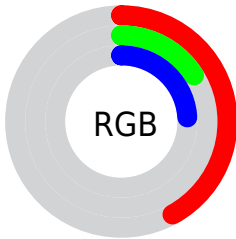
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 40, 60
Decimal	7022652
CIE <sub>Lab</sub>	26.65, 31.94, 2.72
CIE <sub>LCh</sub>	27, 32.053, 4.876
Yxy	4.9696, 0.4380, 0.2850
Android (android.graphics.Color)	4285212732 (0xFF6B283C)
YUV	62.3130, -1.1403, 39.1905
Hunter-Lab	22.2927, 22.1447, 2.7545

# Details

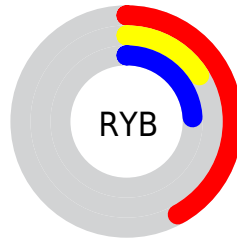
The Hex color **6B283C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **286B57**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A1596B**, and **380012** is the 20% darker color. If you saturate the color by 10%, you get **6B1D34**, and if you desaturate by 10%, it is **6B3344**.

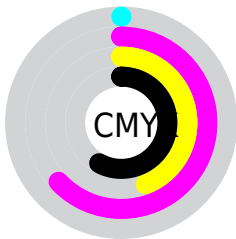
# Distribution



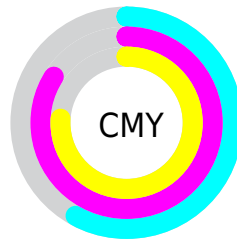
- Red (42%)
- Green (16%)
- Blue (24%)



- Red (42%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (63%)
- Yellow (44%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B283C 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 6B283C by changing the saturation by 10% instead.



 6B283C

 6B283C

FFFFFF

 510F26

 A1596B

 380012

 BD7284

 1F0001

 DA8C9E

 000000

 F7A7B9

 FFC3D5

 FFDFF1

 FFFCFF

 6B283C

 6B283C

 6B1D34

 6B3344

 6B132D

 6B3D4B

 6B0825

 6B4853

 6B0020

 6B535A

 6B5E62

 6B6869

 6B7371

 6B7E78

 6B8880

# Harmonies

## Analogous

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



602D54



6B283C



692D24

# Triad

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



6B283C



2F4614



00476B

# Complementary

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



6B283C



286B57

# 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.



004A5A



6B283C



014929

# Square

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



6B283C



483F09



004B42



0D4070

# Rectangle

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



6B283C



613317



004B42



004867



# Sweetspot

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



6B283C



8C727A



57286B



47373C



C7C7C7



474747



# Same Dimension

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



6B283C



8C2342



6B3528



363032



750023



F50049



# Inverse Universe

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



6B283C



8C2342



285E6B



363032



750023

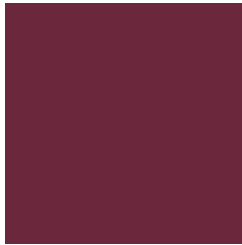


F50049



# Previews

## White Background



This preview shows how the Hex color 6B283C looks on a white background.

## Color Contrast Check

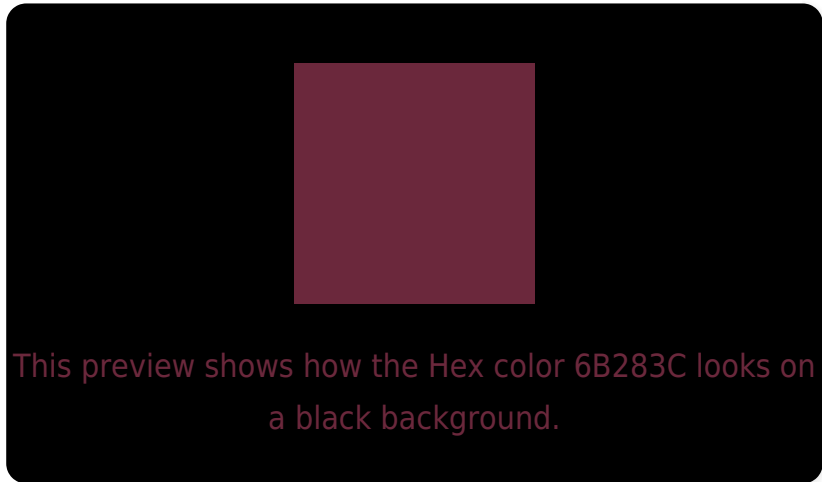
Large Text (above 18pt) WCAG AA ✓ Pass

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

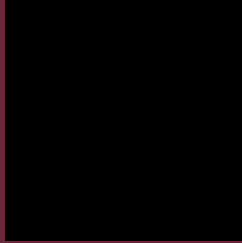
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B283C Background



This preview shows how black text looks on a background with the Hex color 6B283C.



This preview shows how white text looks on a background with the Hex color 6B283C.

# 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**  
6B283C

**Protanopia**  
3E4049

**Deuteranopia**  
493E39



**Tritanopia**  
6A2B2E

# Trichromacy



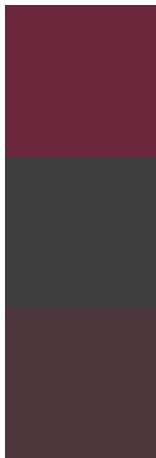
**Original Color**  
6B283C

**Protanomaly**  
4E3744

**Deuteranomaly**  
55363A

**Tritanomaly**  
6A2A33

# Monochromacy



**Original Color**  
6B283C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4E363D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B283C 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 #6B283C looks like.

```
.text, #text, p{  
    color:#6B283C  
}
```

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 #6B283C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B283C
}
```

## Border

The CSS property to change the border of an element to Hex 6B283C is called "border". The border property can be set on classes, ids or directly on the HTML element.

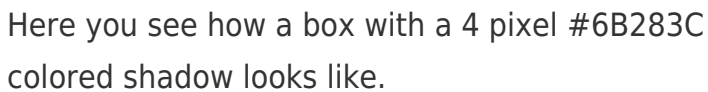
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B283C }
```

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

```
.border{ border-color:#6B283C }
```

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



Here you see how a box with a 4 pixel #6B283C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B283C; -webkit-box-shadow:4px 4px  
4px 4px #6B283C; box-shadow:4px 4px 4px  
4px #6B283C }
```

# Background

The CSS property to change the background color of an element to Hex 6B283C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B283C }
```

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

```
.background{ background-color:#6B283C }
```

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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