

Converting Colors

Hex(6C2A37)

Have a look what the booklet for
Hex(6C2A37) contains.

Hex(6C2A37)	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(6C2A37)

Conversions

Conversions Part 1

Format	Color
Hex	6C2A37
RGB	108, 42, 55
RGB Percent	42%, 16%, 22%
CMY	0.5765, 0.8353, 0.7843
CMYK	0.00, 0.61, 0.49, 0.58
HSL	348°, 44%, 29%
HSV	348°, 61%, 42%
XYZ	7.7019, 5.1199, 4.1967
YIQ	63.2160, 35.1630, 18.0350

Conversions

Conversions Part 2

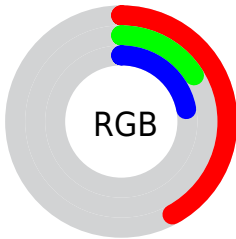
Format	Color
RYB	108, 42, 55
Decimal	7088695
CIELab	27.07, 30.70, 6.71
CIELCh	27, 31.428, 12.321
Yxy	5.1199, 0.4526, 0.3008
Android (android.graphics.Color)	4285278775 (0xFF6C2A37)
YUV	63.2160, -4.0505, 39.2756
Hunter-Lab	22.6272, 21.1605, 4.8424

Details

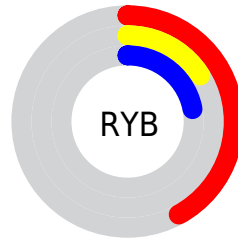
The Hex color **6C2A37** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A6C5F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A25B66**, and **39000B** is the 20% darker color. If you saturate the color by 10%, you get **6C1F2E**, and if you desaturate by 10%, it is **6C3540**.

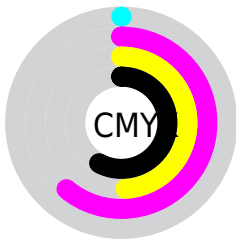
Distribution



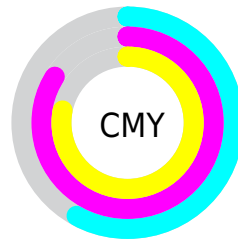
- Red (42%)
- Green (16%)
- Blue (22%)



- Red (42%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (49%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C2A37 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 6C2A37 by changing the saturation by 10% instead.



6C2A37



6C2A37

FFFFFF



521222



A25B66



39000B



BF747F



200001



DB8E98



000000



F9A9B3



FFC4CF



FFE1EB



FFFEFF



6C2A37



6C2A37

■ 6C1F2E

■ 6C3540

■ 6C1426

■ 6C4048

■ 6C0A1D

■ 6C4A51

■ 6C0015

■ 6C555A

■ 6C6062

■ 6C6B6B

■ 6C7674

■ 6C807C

■ 6C8B85

Harmonies

Analogous

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



642C4F



6C2A37



673021

Triad

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



6C2A37



29481A



00476E

Complementary

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



6C2A37



2A6C5F

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.



004A60



6C2A37



004B31

Square

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



6C2A37



43420D



004C49



253F6F

Rectangle

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



6C2A37



5E3615



004C49



00486A

Sweetspot

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



6C2A37



8C7378



5F2A6C



47383B



C7C7C7



474747

Same Dimension

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



6C2A37



8C263A



6C3E2A



363031



750017



F50030

Inverse Universe

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



6C2A37



8C263A



2A586C



363031



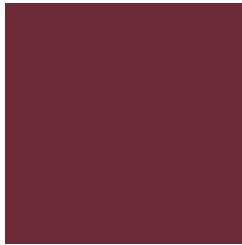
750017



F50030

Previews

White Background



This preview shows how the Hex color 6C2A37 looks on a white background.

Color Contrast Check

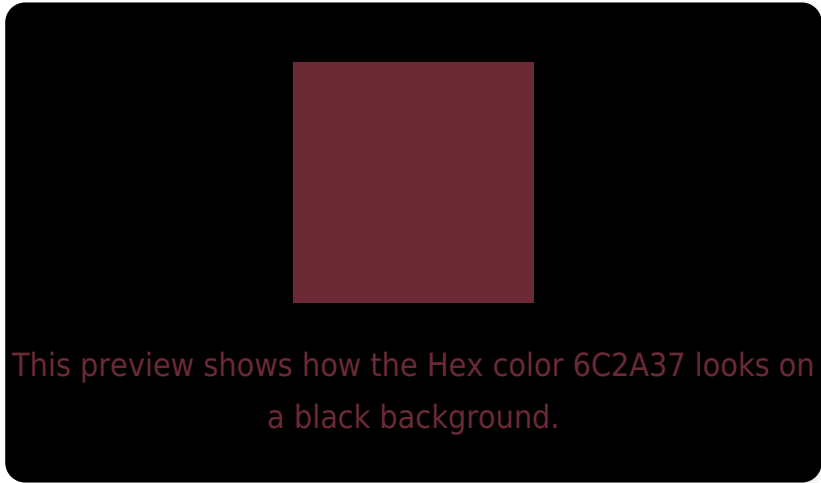
Large Text (above 18pt) WCAG AA ✓ Pass

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

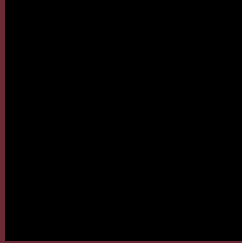
Any Text WCAG AA × Fail

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 6C2A37 Background



This preview shows how black text looks on a background with the Hex color 6C2A37.



This preview shows how white text looks on a background with the Hex color 6C2A37.

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
6C2A37

Protanopia
424143

Deuteranopia
4C3E34

Trichromacy



Original Color
6C2A37

Protanomaly
51393F

Deuteranomaly
583735

Tritanomaly
6B2B31

Monochromacy



Original Color
6C2A37

Achromatopsia
3F3F3F

Achromatomaly
4F373C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C2A37 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 #6C2A37 looks like.

```
.text, #text, p{  
    color:#6C2A37  
}
```

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 #6C2A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2A37
}
```

Border

The CSS property to change the border of an element to Hex 6C2A37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

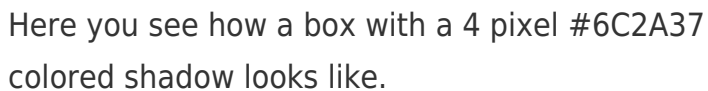
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C2A37 }
```

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

```
.border{ border-color:#6C2A37 }
```

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



Here you see how a box with a 4 pixel #6C2A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2A37; -webkit-box-shadow:4px 4px  
4px 4px #6C2A37; box-shadow:4px 4px 4px  
4px #6C2A37 }
```

Background

The CSS property to change the background color of an element to Hex 6C2A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2A37 }
```

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

```
.background{ background-color:#6C2A37 }
```

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