

Converting Colors

Hex(6C2E40)

Have a look what the booklet for
Hex(6C2E40) contains.

Hex(6C2E40)	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(6C2E40)

Conversions

Conversions Part 1

Format	Color
Hex	6C2E40
RGB	108, 46, 64
RGB Percent	42%, 18%, 25%
CMY	0.5765, 0.8196, 0.7490
CMYK	0.00, 0.57, 0.41, 0.58
HSL	343°, 40%, 30%
HSV	343°, 57%, 42%
XYZ	8.0868, 5.5123, 5.4882
YIQ	66.5900, 31.1740, 18.7420

Conversions

Conversions Part 2

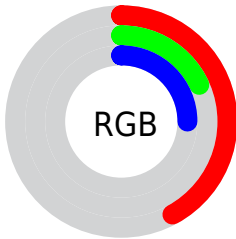
Format	Color
RYB	108, 46, 64
Decimal	7089728
CIELab	28.15, 29.62, 2.24
CIELCh	28, 29.707, 4.318
Yxy	5.5123, 0.4237, 0.2888
Android (android.graphics.Color)	4285279808 (0xFF6C2E40)
YUV	66.5900, -1.2769, 36.3166
Hunter-Lab	23.4783, 20.3947, 2.5753

Details

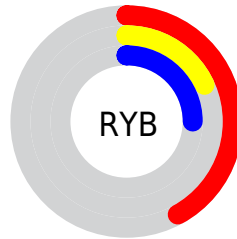
The Hex color **6C2E40** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E6C5A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A25E70**, and **390016** is the 20% darker color. If you saturate the color by 10%, you get **6C2338**, and if you desaturate by 10%, it is **6C3948**.

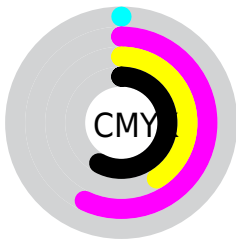
Distribution



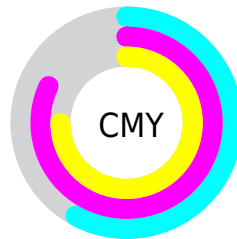
- Red (42%)
- Green (18%)
- Blue (25%)



- Red (42%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (57%)
- Yellow (41%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C2E40 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 6C2E40 by changing the saturation by 10% instead.

 6C2E40

 6C2E40

FFFFFF

 52162A

 A25E70

 390016

 BE7889

 230001

 DA92A3

 000000

 F7ADBE

 FFC9DA

 FFE5F6

 6C2E40

 6C2E40

 6C2338

 6C3948

■ 6C1831

■ 6C444F

■ 6C0E29

■ 6C4E57

■ 6C0321

■ 6C595F

■ 6C001F

■ 6C6466

■ 6C6F6E

■ 6C7A76

■ 6C847D

■ 6C8F85

Harmonies

Analogous

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



613257



6C2E40



6A322A

Triad

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



6C2E40



34481B



004A6B

Complementary

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



6C2E40



2E6C5A

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.



004D5C



6C2E40



124C2E

Square

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



6C2E40



4C4212



004E45



1B4470

Rectangle

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



6C2E40



64371E



004E45



004B67

Sweetspot

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



6C2E40



8C747B



592E6C



47393D



C7C7C7



474747

Same Dimension

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



6C2E40



8C2B48



6C3A2E



363032



750022



F50047

Inverse Universe

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



6C2E40



8C2B48



2E606C



363032



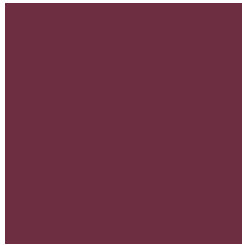
750022



F50047

Previews

White Background



This preview shows how the Hex color 6C2E40 looks on a white background.

Color Contrast Check

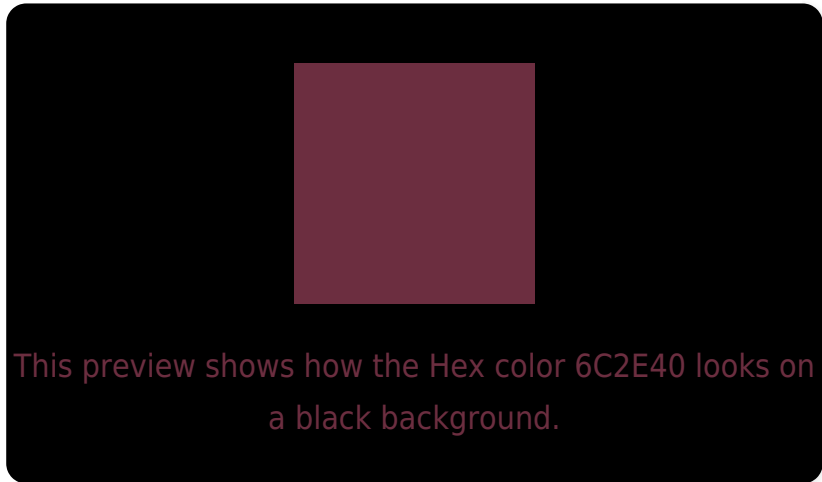
Large Text (above 18pt) WCAG AA ✓ Pass

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

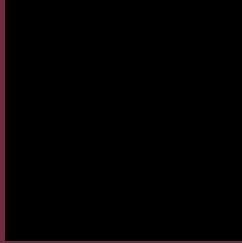
Any Text WCAG AA × Fail

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 6C2E40 Background



This preview shows how black text looks on a background with the Hex color 6C2E40.



This preview shows how white text looks on a background with the Hex color 6C2E40.

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
6C2E40

Protanopia
42434C

Deuteranopia
4C413D



Tritanopia
6B3034

Trichromacy



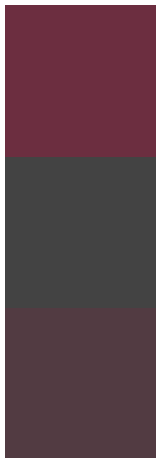
Original Color
6C2E40

Protanomaly
513B48

Deuteranomaly
583A3E

Tritanomaly
6B2F38

Monochromacy



Original Color
6C2E40

Achromatopsia
434343

Achromatomaly
523B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C2E40 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 #6C2E40 looks like.

```
.text, #text, p{  
    color:#6C2E40  
}
```

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 #6C2E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2E40
}
```

Border

The CSS property to change the border of an element to Hex 6C2E40 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
#6C2E40 }
```

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

```
.border{ border-color:#6C2E40 }
```

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

Here you see how a box with a 4 pixel #6C2E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2E40; -webkit-box-shadow:4px 4px  
4px 4px #6C2E40; box-shadow:4px 4px 4px  
4px #6C2E40 }
```

Background

The CSS property to change the background color of an element to Hex 6C2E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2E40 }
```

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

```
.background{ background-color:#6C2E40 }
```

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