

Converting Colors

Hex(6A242C)

Have a look what the booklet for
Hex(6A242C) contains.

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Color

Hex(6A242C)

Conversions

Conversions Part 1

Format	Color
Hex	6A242C
RGB	106, 36, 44
RGB Percent	42%, 14%, 17%
CMY	0.5843, 0.8588, 0.8275
CMYK	0.00, 0.66, 0.58, 0.58
HSL	353°, 49%, 28%
HSV	353°, 66%, 42%
XYZ	7.0294, 4.5078, 2.8825
YIQ	57.8420, 39.1520, 17.3280

Conversions

Conversions Part 2

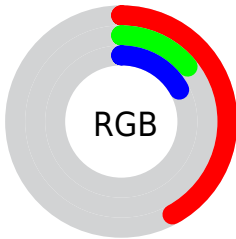
Format	Color
RYB	106, 36, 44
Decimal	6956076
CIELab	25.28, 31.93, 11.57
CIElCh	25, 33.961, 19.922
Yxy	4.5078, 0.4875, 0.3126
Android (android.graphics.Color)	4285146156 (0xFF6A242C)
YUV	57.8420, -6.8241, 42.2346
Hunter-Lab	21.2315, 21.9429, 6.8126

Details

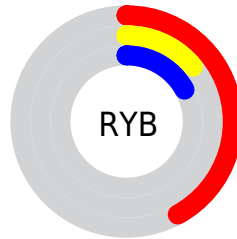
The Hex color **6A242C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **246A62**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A15559**, and **370000** is the 20% darker color. If you saturate the color by 10%, you get **6A1923**, and if you desaturate by 10%, it is **6A2F35**.

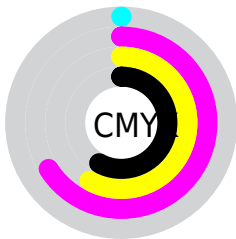
Distribution



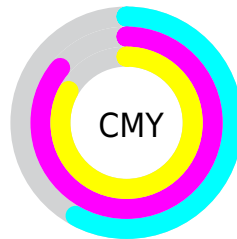
- Red (42%)
- Green (14%)
- Blue (17%)



- Red (42%)
- Yellow (14%)
- Blue (17%)



- Cyan (0%)
- Magenta (66%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (86%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A242C 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 6A242C by changing the saturation by 10% instead.

 6A242C

 6A242C

FFFFFF

 4F0A18

 A15559

 370000

 BD6E72

 180001

 DA888B

 000000

 F8A3A6

 FFBEC1

 FFDADD

 FFF7F9

 6A242C

 6A242C

■ 6A1923

■ 6A2F35

■ 6A0F19

■ 6A393F

■ 6A0410

■ 6A4448

■ 6A000C

■ 6A4E52

■ 6A595B

■ 6A6464

■ 6A6E6E

■ 6A7977

■ 6A8380

Harmonies

Analogous

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



662446



6A242C



622D15

Triad

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



6A242C



184519



00416F

Complementary

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



6A242C



246A62

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.



004663



6A242C



004732

Square

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



6A242C



384005



00484D



2B396C

Rectangle

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



6A242C



573408



00484D



00436C

Sweetspot

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



6A242C



8A6E71



62246A



453436



C4C4C4



454545

Same Dimension

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



6A242C



8A1D29



6A3F24



363031



75000D



F5001C

Inverse Universe

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



6A242C



8A1D29



244F6A



363031



75000D



F5001C

Previews

White Background



This preview shows how the Hex color 6A242C looks on a white background.

Color Contrast Check

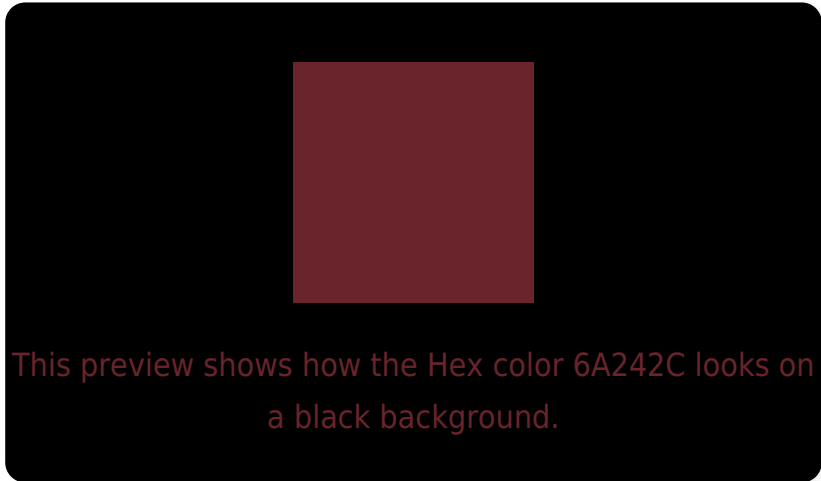
Large Text (above 18pt) WCAG AA ✓ Pass

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

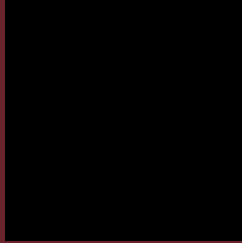
Any Text WCAG AA × Fail

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 6A242C Background



This preview shows how black text looks on a background with the Hex color 6A242C.



This preview shows how white text looks on a background with the Hex color 6A242C.

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
6A242C

Protanopia
403D37

Deuteranopia
493A29



Tritanopia
6A2527

Trichromacy



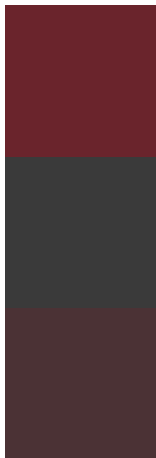
Original Color
6A242C

Protanomaly
4F3433

Deuteranomaly
55322A

Tritanomaly
6A2529

Monochromacy



Original Color
6A242C

Achromatopsia
3A3A3A

Achromatomaly
4B3235

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A242C 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 #6A242C looks like.

```
.text, #text, p{  
  color:#6A242C  
}
```

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 #6A242C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A242C }  
}
```

Border

The CSS property to change the border of an element to Hex 6A242C is called "border". The border property can be set on classes, ids or directly on the HTML element.

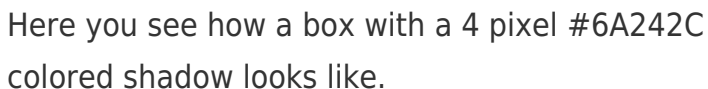
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #6A242C }  
}
```

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

```
.border{ border-color:#6A242C }
```

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



Here you see how a box with a 4 pixel #6A242C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A242C; -webkit-box-shadow:4px 4px  
4px 4px #6A242C; box-shadow:4px 4px 4px  
4px #6A242C }
```

Background

The CSS property to change the background color of an element to Hex 6A242C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A242C }
```

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

```
.background{ background-color:#6A242C }
```

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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