

Converting Colors

Hex(6B2A42)

Have a look what the booklet for
Hex(6B2A42) contains.

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Color

Hex(6B2A42)

Conversions

Conversions Part 1

Format	Color
Hex	6B2A42
RGB	107, 42, 66
RGB Percent	42%, 16%, 26%
CMY	0.5804, 0.8353, 0.7412
CMYK	0.00, 0.61, 0.38, 0.58
HSL	338°, 44%, 29%
HSV	338°, 61%, 42%
XYZ	7.8747, 5.1751, 5.7381
YIQ	64.1710, 31.0360, 21.2440

Conversions

Conversions Part 2

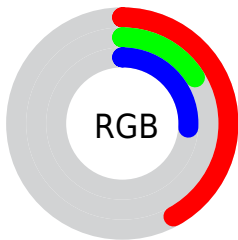
Format	Color
R_{YB}	107, 42, 66
Decimal	7023170
CIE Lab	27.23, 31.65, -0.45
CIE LCh	27, 31.649, 359.180
Yxy	5.1751, 0.4191, 0.2754
Android (android.graphics.Color)	4285213250 (0xFF6B2A42)
YUV	64.1710, 0.9017, 37.5610
Hunter-Lab	22.7488, 21.9793, 0.9690

Details

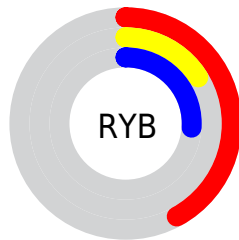
The Hex color **6B2A42** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2A6B53**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A15B72**, and **380018** is the 20% darker color. If you saturate the color by 10%, you get **6B1F3B**, and if you desaturate by 10%, it is **6B3549**.

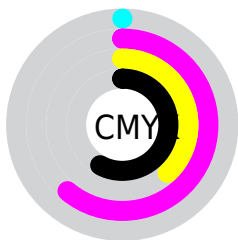
Distribution



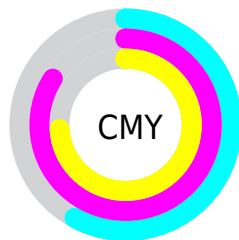
- Red (42%)
- Green (16%)
- Blue (26%)



- Red (42%)
- Yellow (16%)
- Blue (26%)



- Cyan (0%)
- Magenta (61%)
- Yellow (38%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2A42 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 6B2A42 by changing the saturation by 10% instead.



6B2A42



6B2A42

FFFFFF



51112C



A15B72



380018



BD748B



210001



D98EA6



000000



F6A9C1



FFC5DC



FFE1F9



FFFEFF



6B2A42



6B2A42

■ 6B1F3B

■ 6B3549

■ 6B1535

■ 6B3F4F

■ 6B0A2E

■ 6B4A56

■ 6B0028

■ 6B555D

■ 6B6064

■ 6B6A6A

■ 6B7571

■ 6B8078

■ 6B8A7F

Harmonies

Analogous

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



5D305A



6B2A42



6B2D2A

Triad

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



6B2A42



364613



00496A

Complementary

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



6B2A42



2A6B53

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.



004C57



6B2A42



134A26

Square

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



6B2A42



4E3F0C



004C3F



004371

Rectangle

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



6B2A42



65321C



004C3F



004A64

Sweetspot

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



6B2A42



8C737C



522A6B



47383D



C7C7C7



474747

Same Dimension

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



6B2A42



8C264C



6B322A



363032



75002B



F5005A

Inverse Universe

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



6B2A42



8C264C



2A636B



363032



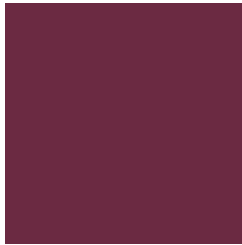
75002B



F5005A

Previews

White Background



This preview shows how the Hex color 6B2A42 looks on a white background.

Color Contrast Check

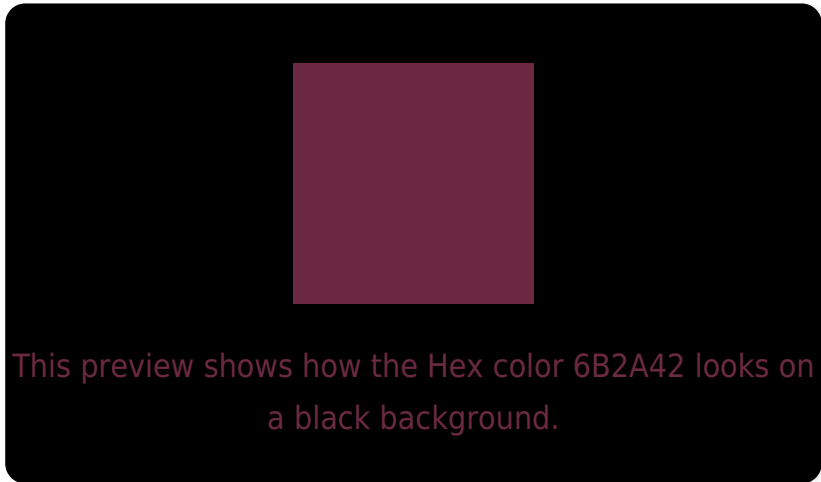
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B2A42 Background



This preview shows how black text looks on a background with the Hex color 6B2A42.



This preview shows how white text looks on a background with the Hex color 6B2A42.

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
6B2A42

Protanopia
3E4150

Deuteranopia
483F3F



Tritanopia
6A2E31

Trichromacy



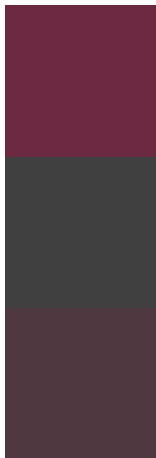
Original Color
6B2A42

Protanomaly
4E394B

Deuteranomaly
553740

Tritanomaly
6A2D37

Monochromacy



Original Color
6B2A42

Achromatopsia
404040

Achromatomaly
503841

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2A42 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 #6B2A42 looks like.

```
.text, #text, p{  
    color:#6B2A42  
}
```

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 #6B2A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2A42
}
```

Border

The CSS property to change the border of an element to Hex 6B2A42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

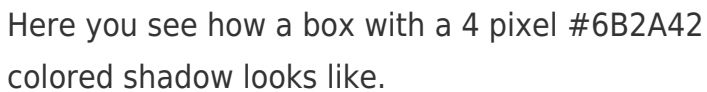
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2A42 }
```

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

```
.border{ border-color:#6B2A42 }
```

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



Here you see how a box with a 4 pixel #6B2A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2A42; -webkit-box-shadow:4px 4px  
4px 4px #6B2A42; box-shadow:4px 4px 4px  
4px #6B2A42 }
```

Background

The CSS property to change the background color of an element to Hex 6B2A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2A42 }
```

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

```
.background{ background-color:#6B2A42 }
```

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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