

Converting Colors

Hex(6B2A45)

Have a look what the booklet for
Hex(6B2A45) contains.

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Color

Hex(6B2A45)

Conversions

Conversions Part 1

Format	Color
Hex	6B2A45
RGB	107, 42, 69
RGB Percent	42%, 16%, 27%
CMY	0.5804, 0.8353, 0.7294
CMYK	0.00, 0.61, 0.36, 0.58
HSL	335°, 44%, 29%
HSV	335°, 61%, 42%
XYZ	7.9655, 5.2114, 6.2163
YIQ	64.5130, 30.0730, 22.1770

Conversions

Conversions Part 2

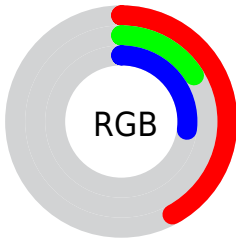
Format	Color
R_{YB}	107, 42, 69
Decimal	7023173
CIE _{Lab}	27.33, 32.05, -2.31
CIE _{LCh}	27, 32.129, 355.883
Yxy	5.2114, 0.4107, 0.2687
Android (android.graphics.Color)	4285213253 (0xFF6B2A45)
YUV	64.5130, 2.2121, 37.2611
Hunter-Lab	22.8285, 22.3342, -0.1650

Details

The Hex color **6B2A45** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2A6B50**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A15B75**, and **38001A** is the 20% darker color. If you saturate the color by 10%, you get **6B1F3F**, and if you desaturate by 10%, it is **6B354B**.

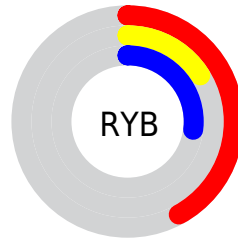
Distribution



Red (42%)

Green (16%)

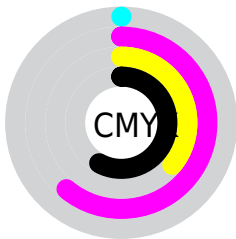
Blue (27%)



Red (42%)

Yellow (16%)

Blue (27%)

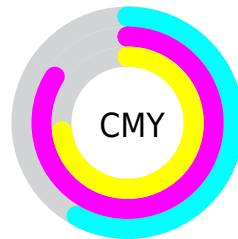


Cyan (0%)

Magenta (61%)

Yellow (36%)

Black (58%)



Cyan (58%)

Magenta (84%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B2A45 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 6B2A45 by changing the saturation by 10% instead.

 6B2A45

 6B2A45

FFFFFF

 51112F


 A15B75

 38001A

 BD748F

 220001

 D98EA9

 000000

 F6A9C4

 FFC5E0

 FFE1FD

 FFFEFF

 6B2A45

 6B2A45

■ 6B1F3F

■ 6B354B

■ 6B1538

■ 6B3F52

■ 6B0A32

■ 6B4A58

■ 6B002C

■ 6B555E

■ 6B6064

■ 6B6A6B

■ 6B7571

■ 6B8077

■ 6B8A7D

Harmonies

Analogous

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



5B315C



6B2A45



6D2C2D

Triad

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



6B2A45



394510



004A69

Complementary

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



6B2A45



2A6B50

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.



004C55



6B2A45



174A24

Square

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



6B2A45



503E0B



004C3C



004472

Rectangle

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



6B2A45



67311E



004C3C



004B63

Sweetspot

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



6B2A45



8C737D



502A6B



47383E



C7C7C7



474747

Same Dimension

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



6B2A45



8C2650



6B2F2A



363032



750031



F50066

Inverse Universe

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



6B2A45



8C2650



2A666B



363032



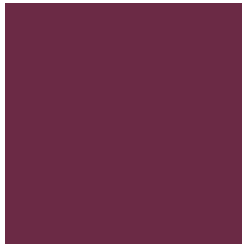
750031



F50066

Previews

White Background



This preview shows how the Hex color 6B2A45 looks on a white background.

Color Contrast Check

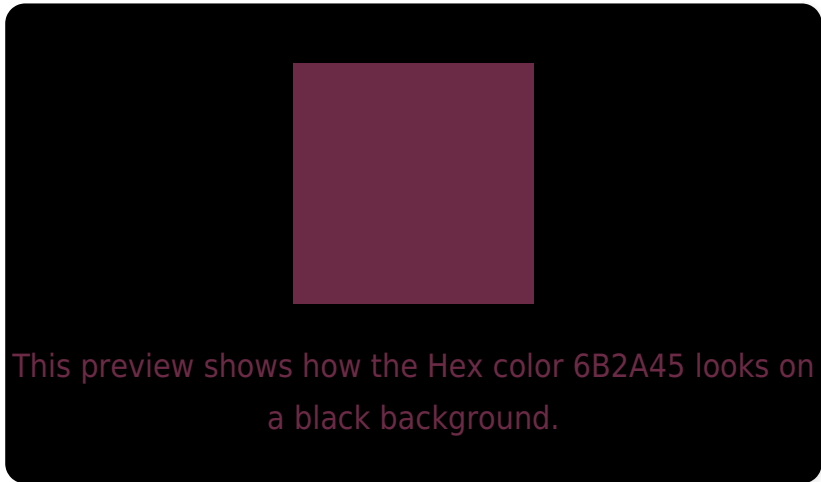
Large Text (above 18pt) WCAG AA ✓ Pass

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

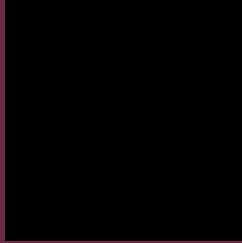
Any Text WCAG AA × Fail

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 6B2A45 Background



This preview shows how black text looks on a background with the Hex color 6B2A45.



This preview shows how white text looks on a background with the Hex color 6B2A45.

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
6B2A45

Protanopia
3D4154

Deuteranopia
483F42



Tritanopia
692E31

Trichromacy



Original Color
6B2A45

Protanomaly
4E394F

Deuteranomaly
553743

Tritanomaly
6A2D38

Monochromacy



Original Color
6B2A45

Achromatopsia
414141

Achromatomaly
503942

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B2A45 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 #6B2A45 looks like.

```
.text, #text, p{  
    color:#6B2A45  
}
```

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 #6B2A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2A45
}
```

Border

The CSS property to change the border of an element to Hex 6B2A45 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".

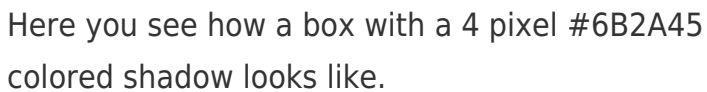
```
.border, #border, table{ border:4px solid
#6B2A45 }
```

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

```
.border{ border-color:#6B2A45 }
```

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

Here you see how a box with a 4 pixel #6B2A45 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2A45; -webkit-box-shadow:4px 4px  
4px 4px #6B2A45; box-shadow:4px 4px 4px  
4px #6B2A45 }
```

Background

The CSS property to change the background color of an element to Hex 6B2A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2A45 }
```

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

```
.background{ background-color:#6B2A45 }
```

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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