

# Converting Colors

Hex(6B2A50)

Have a look what the booklet for  
Hex(6B2A50) contains.

<b>Hex(6B2A50)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6B2A50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B2A50
RGB	107, 42, 80
RGB Percent	42%, 16%, 31%
CMY	0.5804, 0.8353, 0.6863
CMYK	0.00, 0.61, 0.25, 0.58
HSL	325°, 44%, 29%
HSV	325°, 61%, 42%
XYZ	8.3393, 5.3609, 8.1846
YIQ	65.7670, 26.5420, 25.5980

# Conversions

## Conversions Part 2

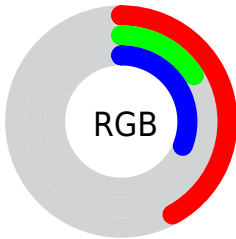
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 42, 80
Decimal	7023184
CIE Lab	27.74, 33.65, -8.99
CIE LCh	28, 34.828, 345.034
Yxy	5.3609, 0.3811, 0.2450
Android (android.graphics.Color)	4285213264 (0xFF6B2A50)
YUV	65.7670, 7.0169, 36.1613
Hunter-Lab	23.1537, 23.7721, -4.7510

# Details

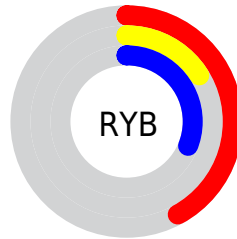
The Hex color **6B2A50** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A6B45**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A05B81**, and **390023** is the 20% darker color. If you saturate the color by 10%, you get **6B1F4C**, and if you desaturate by 10%, it is **6B3554**.

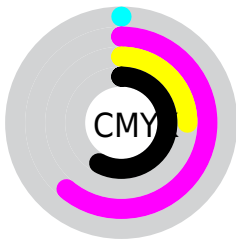
# Distribution



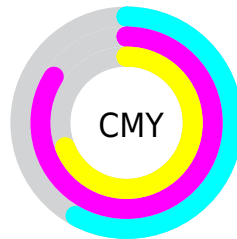
- Red (42%)
- Green (16%)
- Blue (31%)



- Red (42%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (61%)
- Yellow (25%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B2A50 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 6B2A50 by changing the saturation by 10% instead.



 6B2A50

 6B2A50

FFFFFF

 511139

 A05B81

 390023

 BC749B

 23000D

 D98FB6

 000000

 F6AAD2

 FFC5EE

 FFE2FF

 6B2A50

 6B2A50

 6B1F4C

 6B3554

6B1547

6B3F59

6B0A43

6B4A5D

6B003F

6B5562

6B6066

6B6A6B

6B756F

6B8074

6B8A78

# Harmonies

## Analogous

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



543468



6B2A50



722835

# Triad

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



6B2A50



424407



004D67

# Complementary

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



6B2A50



2A6B45

# 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.



004E4F



6B2A50



234A19

# Square

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



6B2A50



5A3B09



004D33



004875

# Rectangle

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



6B2A50



6F2D24



004D33



004E60



# Sweetspot

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



6B2A50



8C7382



442A6B



473841



C7C7C7



474747



# Same Dimension

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



6B2A50



8C2662



6B2A31



363033



750045



F5008F



# Inverse Universe

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



6B2A50



8C2662



2A6B65



363033



750045

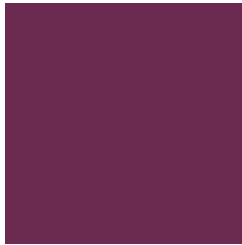


F5008F



# Previews

## White Background



This preview shows how the Hex color 6B2A50 looks on a white background.

## Color Contrast Check

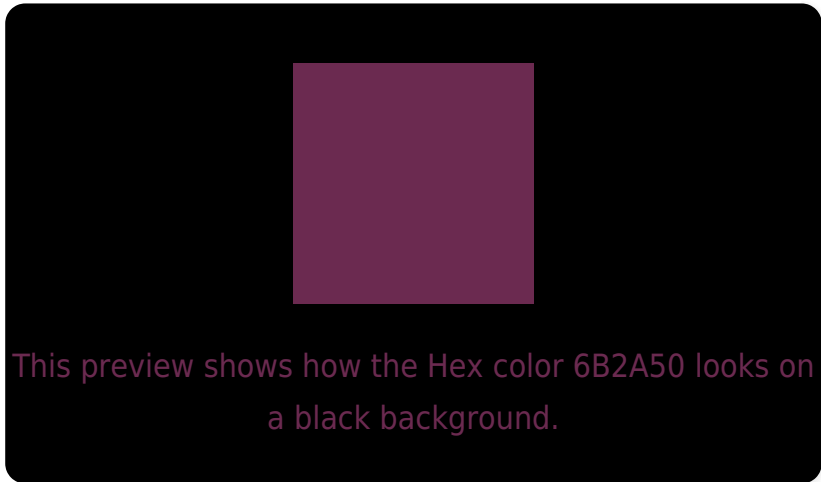
Large Text (above 18pt) WCAG AA ✓ Pass

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

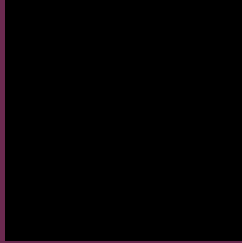
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B2A50 Background



This preview shows how black text looks on a background with the Hex color 6B2A50.



This preview shows how white text looks on a background with the Hex color 6B2A50.

# 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**  
6B2A50

**Protanopia**  
384161

**Deuteranopia**  
44414C



**Tritanopia**  
693134

# Trichromacy



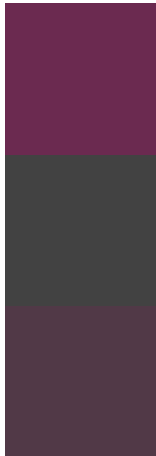
**Original Color**  
6B2A50

**Protanomaly**  
4B395B

**Deuteranomaly**  
52394D

**Tritanomaly**  
6A2E3E

# Monochromacy



**Original Color**  
6B2A50

**Achromatopsia**  
424242

**Achromatomaly**  
513947

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B2A50 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 #6B2A50 looks like.

```
.text, #text, p{  
    color:#6B2A50  
}
```

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 #6B2A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2A50
}
```

## Border

The CSS property to change the border of an element to Hex 6B2A50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

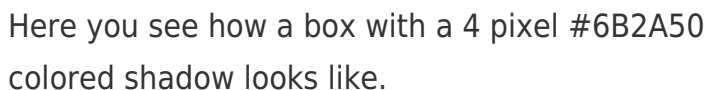
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B2A50 }
```

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

```
.border{ border-color:#6B2A50 }
```

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



Here you see how a box with a 4 pixel #6B2A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2A50; -webkit-box-shadow:4px 4px  
4px 4px #6B2A50; box-shadow:4px 4px 4px  
4px #6B2A50 }
```

# Background

The CSS property to change the background color of an element to Hex 6B2A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2A50 }
```

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

```
.background{ background-color:#6B2A50 }
```

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