

# Converting Colors

Hex(6A2B51)

Have a look what the booklet for  
Hex(6A2B51) contains.

|                                                |    |
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# Color

**Hex(6A2B51)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 6A2B51                    |
| RGB           | 106, 43, 81               |
| RGB Percent   | 42%, 17%, 32%             |
| CMY           | 0.5843, 0.8314, 0.6824    |
| CMYK          | 0.00, 0.59, 0.24, 0.58    |
| HSL           | 324°, 42%, 29%            |
| HSV           | 324°, 59%, 42%            |
| XYZ           | 8.2929, 5.3860, 8.3871    |
| YIQ           | 66.1690, 25.3500, 25.1740 |

# Conversions

## Conversions Part 2

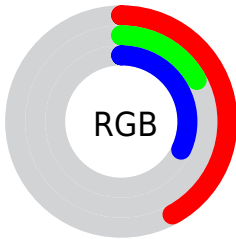
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| <a href="#">RYB</a>                 | 106, 43, 81                  |
| Decimal                             | 6957905                      |
| CIELab                              | 27.81, 32.94, -9.57          |
| CIELCh                              | 28, 34.302, 343.805          |
| Yxy                                 | 5.3860, 0.3758,<br>0.2441    |
| Android<br>(android.graphics.Color) | 4285147985<br>(0xFF6A2B51)   |
| YUV                                 | 66.1690, 7.3117,<br>34.9318  |
| Hunter-Lab                          | 23.2078, 23.1706,<br>-5.1815 |

# Details

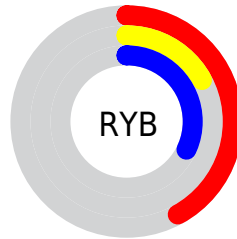
The Hex color **6A2B51** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B6A44**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9F5C82**, and **380024** is the 20% darker color. If you saturate the color by 10%, you get **6A204D**, and if you desaturate by 10%, it is **6A3655**.

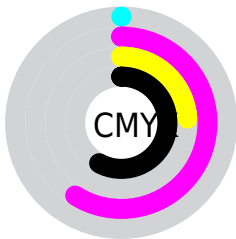
# Distribution



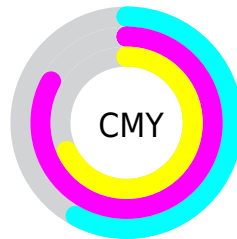
- Red (42%)
- Green (17%)
- Blue (32%)



- Red (42%)
- Yellow (17%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (24%)
- Black (58%)



- Cyan (58%)
- Magenta (83%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A2B51 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 6A2B51 by changing the saturation by 10% instead.



6A2B51

6A2B51

FFFFFF

51123A

9F5C82

380024

BB759C

23000F

D790B7

000000

F4AAD3

FFC6EF

FFE2FF

6A2B51

6A2B51

6A204D

6A3655

 6A1649

 6A4059

 6A0B44

 6A4B5E

 6A0140

 6A5562

 6A0040

 6A6066

 6A6B6A

 6A756E

 6A8073

 6A8A77

# Harmonies

## Analogous

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



533568



6A2B51



712937

# Triad

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



6A2B51



444408



004D66

# Complementary

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



6A2B51



2B6A44

# 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.



004E4D



6A2B51



264A19

# Square

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



6A2B51



5B3B0B



004D32



004974

# Rectangle

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



6A2B51



6F2D26



004D32



004E5E



# Sweetspot

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



6A2B51



8A7180



432B6A



45363F



C4C4C4



454545



# Same Dimension

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



6A2B51



8A2863



6A2B32



363033



750047



F50094



# Inverse Universe

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



6A2B51



8A2863



2B6A63



363033



750047

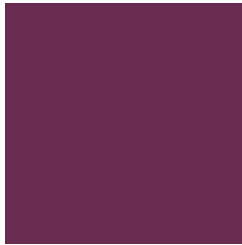


F50094



# Previews

## White Background



This preview shows how the Hex color 6A2B51 looks on a white background.

## Color Contrast Check

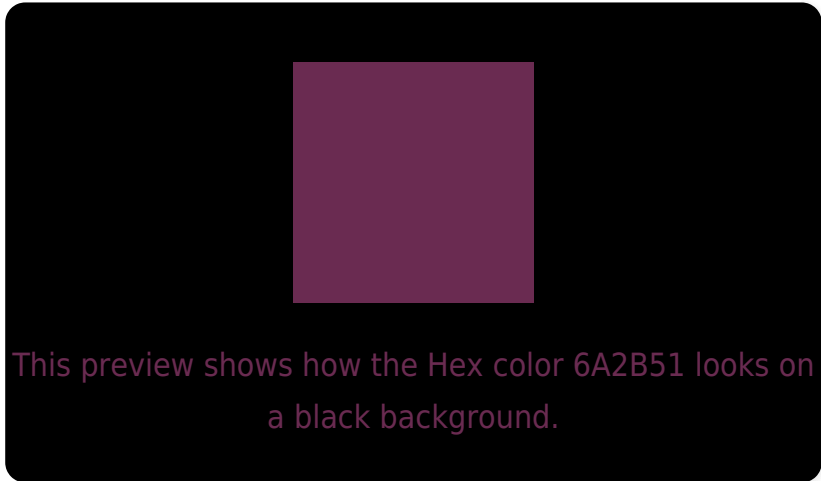
Large Text (above 18pt) WCAG AA ✓ Pass

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

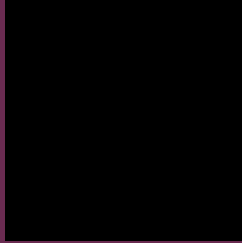
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A2B51 Background



This preview shows how black text looks on a background with the Hex color 6A2B51.



This preview shows how white text looks on a background with the Hex color 6A2B51.

# 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**  
6A2B51

**Protanopia**  
384161

**Deuteranopia**  
44414E



**Tritanopia**  
673235

# Trichromacy



**Original Color**  
6A2B51

**Protanomaly**  
4A395B

**Deuteranomaly**  
52394F

**Tritanomaly**  
682F3F

# Monochromacy



**Original Color**  
6A2B51

**Achromatopsia**  
424242

**Achromatomaly**  
513A47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A2B51 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 #6A2B51 looks like.

```
.text, #text, p{  
    color:#6A2B51  
}
```

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 #6A2B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2B51
}
```

## Border

The CSS property to change the border of an element to Hex 6A2B51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

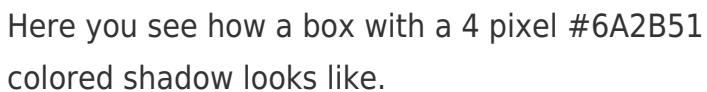
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2B51 }
```

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

```
.border{ border-color:#6A2B51 }
```

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



Here you see how a box with a 4 pixel #6A2B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2B51; -webkit-box-shadow:4px 4px  
4px 4px #6A2B51; box-shadow:4px 4px 4px  
4px #6A2B51 }
```

# Background

The CSS property to change the background color of an element to Hex 6A2B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2B51 }
```

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

```
.background{ background-color:#6A2B51 }
```

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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