

Converting Colors

Hex(6A2C57)

Have a look what the booklet for
Hex(6A2C57) contains.

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Color

Hex(6A2C57)

Conversions

Conversions Part 1

Format	Color
Hex	6A2C57
RGB	106, 44, 87
RGB Percent	42%, 17%, 34%
CMY	0.5843, 0.8275, 0.6588
CMYK	0.00, 0.58, 0.18, 0.58
HSL	318°, 41%, 29%
HSV	318°, 58%, 42%
XYZ	8.5648, 5.5537, 9.6374
YIQ	67.4400, 23.1490, 26.5170

Conversions

Conversions Part 2

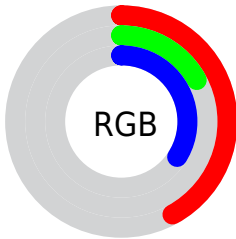
Format	Color
R_{YB}	106, 44, 87
Decimal	6958167
CIE _{Lab}	28.26, 33.40, -12.83
CIE _{LCh}	28, 35.777, 338.993
Yxy	5.5537, 0.3605, 0.2338
Android (android.graphics.Color)	4285148247 (0xFF6A2C57)
YUV	67.4400, 9.6431, 33.8171
Hunter-Lab	23.5662, 23.6328, -7.7502

Details

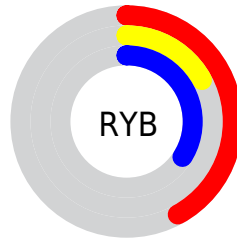
The Hex color **6A2C57** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2C6A3F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9F5D89**, and **38002A** is the 20% darker color. If you saturate the color by 10%, you get **6A2154**, and if you desaturate by 10%, it is **6A375A**.

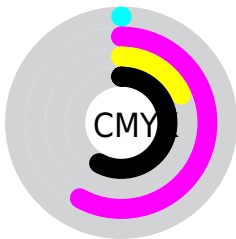
Distribution



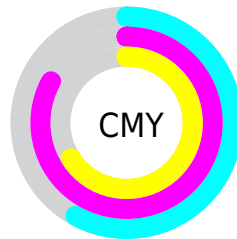
- Red (42%)
- Green (17%)
- Blue (34%)



- Red (42%)
- Yellow (17%)
- Blue (34%)



- Cyan (0%)
- Magenta (58%)
- Yellow (18%)
- Black (58%)



- Cyan (58%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2C57 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 6A2C57 by changing the saturation by 10% instead.

6A2C57

6A2C57

FFFFFF

511340

9F5D89

38002A

BB76A3

230015

D791BE

000000

F4ACDA

FFC7F7

FFE4FF

6A2C57

6A2C57

6A2154

6A375A

■ 6A1751

■ 6A415D

■ 6A0C4D

■ 6A4C61

■ 6A024A

■ 6A5664

■ 6A004A

■ 6A6167

■ 6A6C6A

■ 6A766E

■ 6A8171

■ 6A8B74

Harmonies

Analogous

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



4E386E



6A2C57



74283B

Triad

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



6A2C57



494404



004F65

Complementary

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



6A2C57



2C6A3F

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.



00504A



6A2C57



2B4B14

Square

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



6A2C57



603A0C



004E2E



004B76

Rectangle

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



6A2C57



732B2A



004E2E



004F5D

Sweetspot

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



6A2C57



8A7182



3F2C6A



453640



C4C4C4



454545

Same Dimension

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



6A2C57



8A296C



6A2C38



363034



750051



F500AA

Inverse Universe

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



6A2C57



8A296C



2C6A5E



363034



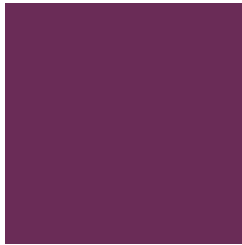
750051



F500AA

Previews

White Background



This preview shows how the Hex color 6A2C57 looks on a white background.

Color Contrast Check

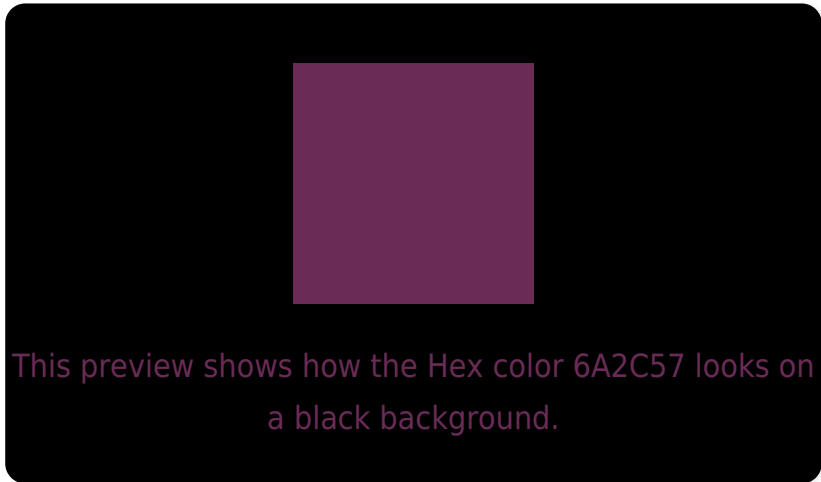
Large Text (above 18pt) WCAG AA ✓ Pass

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

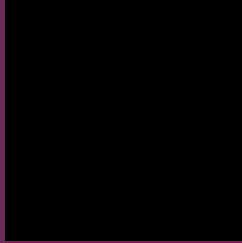
Any Text WCAG AA × Fail

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 6A2C57 Background



This preview shows how black text looks on a background with the Hex color 6A2C57.

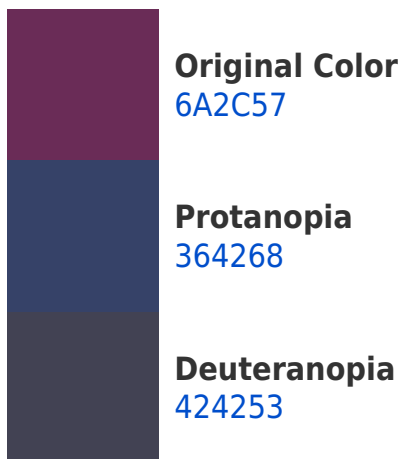



This preview shows how white text looks on a background with the Hex color 6A2C57.

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





Tritanopia
673437

Trichromacy



Original Color
6A2C57

Protanomaly
493A62

Deuteranomaly
513A54

Tritanomaly
683143

Monochromacy



Original Color
6A2C57

Achromatopsia
434343

Achromatomaly
513B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2C57 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 #6A2C57 looks like.

```
.text, #text, p{  
    color:#6A2C57  
}
```

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 #6A2C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2C57
}
```

Border

The CSS property to change the border of an element to Hex 6A2C57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

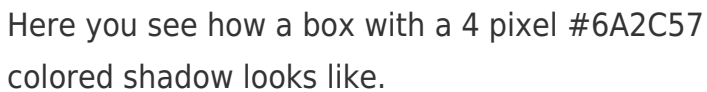
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2C57 }
```

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

```
.border{ border-color:#6A2C57 }
```

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



Here you see how a box with a 4 pixel #6A2C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2C57; -webkit-box-shadow:4px 4px  
4px 4px #6A2C57; box-shadow:4px 4px 4px  
4px #6A2C57 }
```

Background

The CSS property to change the background color of an element to Hex 6A2C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2C57 }
```

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

```
.background{ background-color:#6A2C57 }
```

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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