

Converting Colors

Hex(6A2367)

Have a look what the booklet for
Hex(6A2367) contains.

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Color

Hex(6A2367)

Conversions

Conversions Part 1

Format	Color
Hex	6A2367
RGB	106, 35, 103
RGB Percent	42%, 14%, 40%
CMY	0.5843, 0.8627, 0.5961
CMYK	0.00, 0.67, 0.03, 0.58
HSL	303°, 50%, 28%
HSV	303°, 67%, 42%
XYZ	8.9931, 5.2455, 13.3705
YIQ	63.9810, 20.4880, 36.2000

Conversions

Conversions Part 2

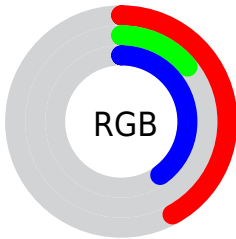
Format	Color
R _Y B	106, 35, 103
Decimal	6955879
CIE Lab	27.42, 40.67, -24.54
CIE LCh	27, 47.501, 328.892
Yxy	5.2455, 0.3257, 0.1900
Android (android.graphics.Color)	4285145959 (0xFF6A2367)
YUV	63.9810, 19.2364, 36.8507
Hunter-Lab	22.9031, 30.0091, -18.5804

Details

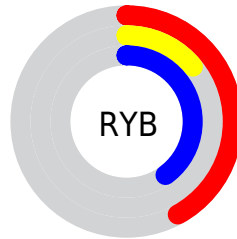
The Hex color **6A2367** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **236A26**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9F569A**, and **370038** is the 20% darker color. If you saturate the color by 10%, you get **6A1867**, and if you desaturate by 10%, it is **6A2E67**.

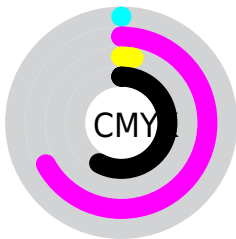
Distribution



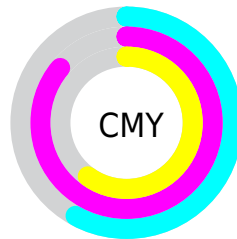
- Red (42%)
- Green (14%)
- Blue (40%)



- Red (42%)
- Yellow (14%)
- Blue (40%)



- Cyan (0%)
- Magenta (67%)
- Yellow (3%)
- Black (58%)



- Cyan (58%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2367 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 6A2367 by changing the saturation by 10% instead.

 6A2367

 6A2367

FFFFFF

 50054F

 9F569A

 370038

 BB6FB5

 220022

 D88AD1

 000007

 F5A5ED

 000000

 FFC0FF

 FFDDFF

 FFF9FF

 6A2367

 6A2367

■ 6A1867

■ 6A2E67

■ 6A0E66

■ 6A3868

■ 6A0366

■ 6A4368

■ 6A0066

■ 6A4D69

■ 6A5869

■ 6A636A

■ 6A6D6A

■ 6A786B

■ 6A826B

Harmonies

Analogous

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



393881



6A2367



7E1144

Triad

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



6A2367



513F00



005063

Complementary

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



6A2367



236A26

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.



00503E



6A2367



2D4900

Square

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



6A2367



6C2F00



004E18



004E7F

Rectangle

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



6A2367



7F152C



004E18



005157

Sweetspot

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



6A2367



8A6E89



25236A



453444



C4C4C4



454545

Same Dimension

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



6A2367



8A1C85



6A2344



363035



750070



F500EA

Inverse Universe

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



6A2367



8A1C85



236A49



363035



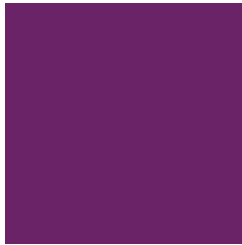
750070



F500EA

Previews

White Background



This preview shows how the Hex color 6A2367 looks on a white background.

Color Contrast Check

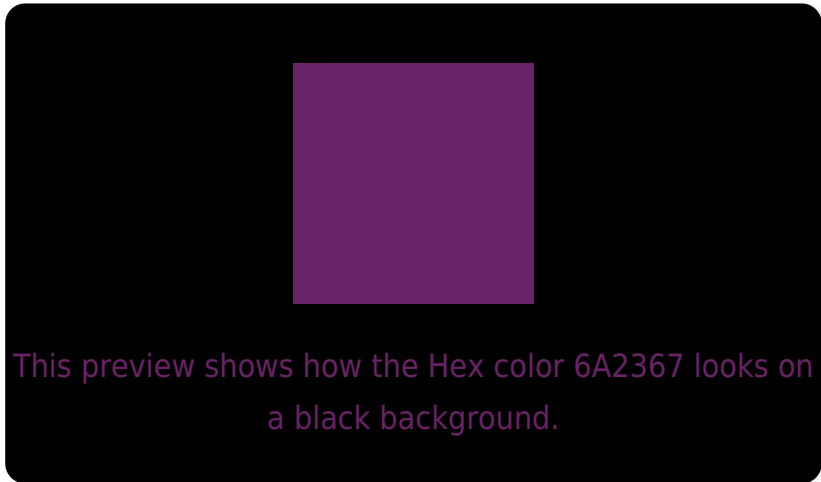
Large Text (above 18pt) WCAG AA ✓ Pass

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

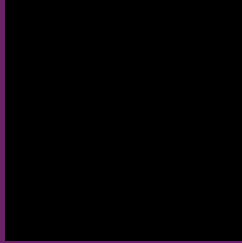
Any Text WCAG AA × Fail

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 6A2367 Background



This preview shows how black text looks on a background with the Hex color 6A2367.



This preview shows how white text looks on a background with the Hex color 6A2367.

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
6A2367

Protanopia
194081

Deuteranopia
334262



Tritanopia
653236

Trichromacy



Original Color
6A2367

Protanomaly
363578

Deuteranomaly
473764

Tritanomaly
672D48

Monochromacy



Original Color
6A2367

Achromatopsia
404040

Achromatomaly
4F354E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2367 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 #6A2367 looks like.

```
.text, #text, p{  
    color:#6A2367  
}
```

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 #6A2367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2367
}
```

Border

The CSS property to change the border of an element to Hex 6A2367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

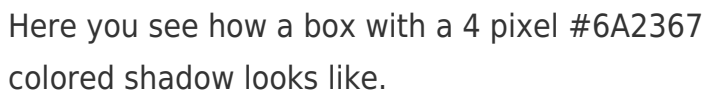
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2367 }
```

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

```
.border{ border-color:#6A2367 }
```

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



Here you see how a box with a 4 pixel #6A2367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2367; -webkit-box-shadow:4px 4px  
4px 4px #6A2367; box-shadow:4px 4px 4px  
4px #6A2367 }
```

Background

The CSS property to change the background color of an element to Hex 6A2367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2367 }
```

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

```
.background{ background-color:#6A2367 }
```

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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