

Converting Colors

Hex(6A2C6D)

Have a look what the booklet for
Hex(6A2C6D) contains.

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Color

Hex(6A2C6D)

Conversions

Conversions Part 1

Format	Color
Hex	6A2C6D
RGB	106, 44, 109
RGB Percent	42%, 17%, 43%
CMY	0.5843, 0.8275, 0.5725
CMYK	0.03, 0.60, 0.00, 0.57
HSL	297°, 42%, 30%
HSV	297°, 60%, 43%
XYZ	9.6049, 5.9697, 15.1140
YIQ	69.9480, 16.0870, 33.3590

Conversions

Conversions Part 2

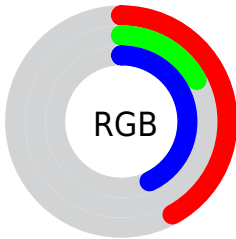
Format	Color
R_{YB}	106, 44, 109
Decimal	6958189
CIE _{Lab}	29.34, 37.48, -25.39
CIE _{LCh}	29, 45.269, 325.885
Yxy	5.9697, 0.3130, 0.1945
Android (android.graphics.Color)	4285148269 (0xFF6A2C6D)
YUV	69.9480, 19.2526, 31.6176
Hunter-Lab	24.4329, 27.4129, -19.5734

Details

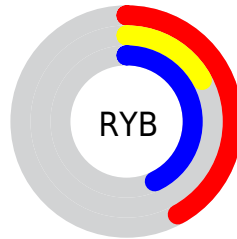
The Hex color **6A2C6D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F6D2C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9F5DA1**, and **38003D** is the 20% darker color. If you saturate the color by 10%, you get **69216D**, and if you desaturate by 10%, it is **6B376D**.

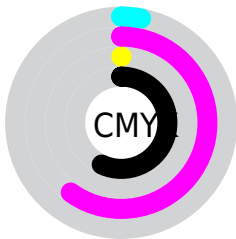
Distribution



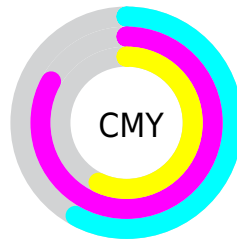
- Red (42%)
- Green (17%)
- Blue (43%)



- Red (42%)
- Yellow (17%)
- Blue (43%)



- Cyan (3%)
- Magenta (60%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (83%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6A2C6D 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 6A2C6D by changing the saturation by 10% instead.

 6A2C6D

 6A2C6D

FFFFFF

 511354

 9F5DA1

 38003D

 BB77BC

 240027

 D791D8

 000110

 F4ADF4

 000000

 FFC8FF

 FFE5FF

 6A2C6D

 6A2C6D

 69216D

 6B376D

 69166D

 6B426D

 680B6D

 6C4D6D

 68006D

 6C586D

 6D636D

 6D6D6D

 6E786D

 6E836D

 6F8E6D

Harmonies

Analogous

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



383E85



6A2C6D



801D4C

Triad

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



6A2C6D



594200



005563

Complementary

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



6A2C6D



2F6D2C

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.



00543F



6A2C6D



374C00

Square

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



6A2C6D



723307



00521A



00527F

Rectangle

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



6A2C6D



831E34



00521A



005557

Sweetspot

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



6A2C6D



8E758F



2C2F6D



473847



C7C7C7



474747

Same Dimension

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



6A2C6D



8A288F



6D2C50



353036



700075



EA00F5

Inverse Universe

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



6D2C2F



8F282D



2C6D49



363030



750005



F5000B

Previews

White Background



This preview shows how the Hex color 6A2C6D 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

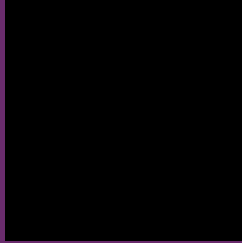
Any Text WCAG AA × Fail

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 6A2C6D Background



This preview shows how black text looks on a background with the Hex color 6A2C6D.

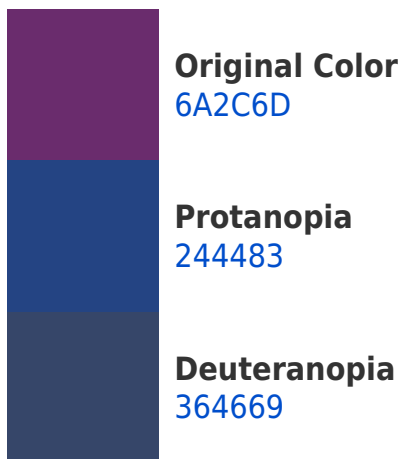



This preview shows how white text looks on a background with the Hex color 6A2C6D.

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
64393D

Trichromacy



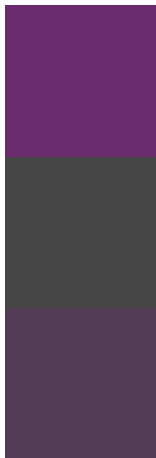
Original Color
6A2C6D

Protanomaly
3D3B7B

Deuteranomaly
493D6A

Tritanomaly
66344E

Monochromacy



Original Color
6A2C6D

Achromatopsia
464646

Achromatomaly
533D54

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2C6D 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 #6A2C6D looks like.

```
.text, #text, p{  
    color:#6A2C6D  
}
```

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 #6A2C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2C6D
}
```

Border

The CSS property to change the border of an element to Hex 6A2C6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

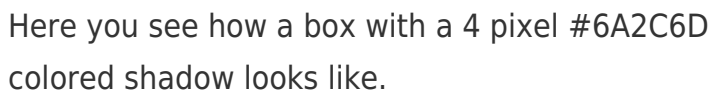
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2C6D }
```

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

```
.border{ border-color:#6A2C6D }
```

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



Here you see how a box with a 4 pixel #6A2C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2C6D; -webkit-box-shadow:4px 4px  
4px 4px #6A2C6D; box-shadow:4px 4px 4px  
4px #6A2C6D }
```

Background

The CSS property to change the background color of an element to Hex 6A2C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2C6D }
```

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

```
.background{ background-color:#6A2C6D }
```

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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