

Converting Colors

Hex(6A2D8C)

Have a look what the booklet for
Hex(6A2D8C) contains.

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Color

Hex(6A2D8C)

Conversions

Conversions Part 1

Format	Color
Hex	6A2D8C
RGB	106, 45, 140
RGB Percent	42%, 18%, 55%
CMY	0.5843, 0.8235, 0.4510
CMYK	0.24, 0.68, 0.00, 0.45
HSL	279°, 51%, 36%
HSV	279°, 68%, 55%
XYZ	11.6159, 6.8344, 25.5179
YIQ	74.0690, 5.8610, 42.4770

Conversions

Conversions Part 2

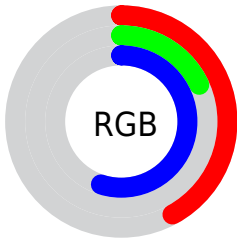
Format	Color
R _Y B	106, 45, 140
Decimal	6958476
CIE _{Lab}	31.43, 43.70, -41.54
CIE _{LCh}	31, 60.292, 316.454
Y _{xy}	6.8344, 0.2642, 0.1554
Android (android.graphics.Color)	4285148556 (0xFF6A2D8C)
Y _{UV}	74.0690, 32.5040, 28.0035
Hunter-Lab	26.1427, 33.5625, -39.5732

Details

The Hex color **6A2D8C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4F8C2D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A05FC2**, and **360059** is the 20% darker color. If you saturate the color by 10%, you get **651F8C**, and if you desaturate by 10%, it is **6F3B8C**.

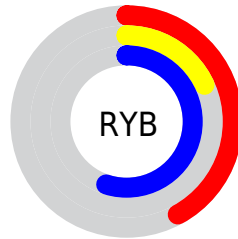
Distribution



Red (42%)

Green (18%)

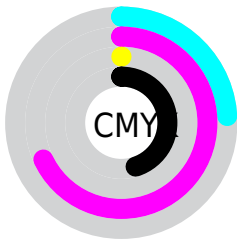
Blue (55%)



Red (42%)

Yellow (18%)

Blue (55%)

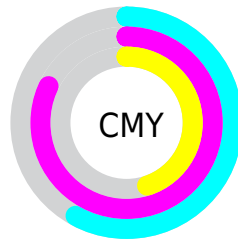


Cyan (24%)

Magenta (68%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (82%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2D8C 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 6A2D8C by changing the saturation by 10% instead.

 6A2D8C

 6A2D8C

FFFFFF

 501272

 A05FC2

 360059

 BC79DE

 1F0041

 D994FB

 00002A

 F6AFFE

 000114

 FFCBFF

 000000

 FFE8FF

 6A2D8C

 6A2D8C

 651F8C

 6F3B8C

60118C

74498C

5B038C

79578C

5A008C

7E658C

83738C

88818C

8D8F8C

929D8C

97AB8C

Harmonies

Analogous

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



0047A6



6A2D8C



910061

Triad

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



6A2D8C



6D4000



005D64

Complementary

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



6A2D8C



4F8C2D

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.



005C32



6A2D8C



445000

Square

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



6A2D8C



8B2500



005800



005C8E

Rectangle

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



6A2D8C



9A0042



005800



005D53

Sweetspot

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



6A2D8C



A891B5



2D508C



54465C



DBDBDB



5C5C5C

Same Dimension

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



6A2D8C



8122B5



8C2D7F



423E45



550085



030005

Inverse Universe

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



8C2D4F



B52257



2D8C3A



453E40



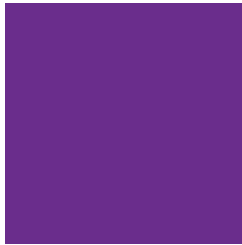
85002F



050002

Previews

White Background



This preview shows how the Hex color 6A2D8C looks on a white background.

Color Contrast Check

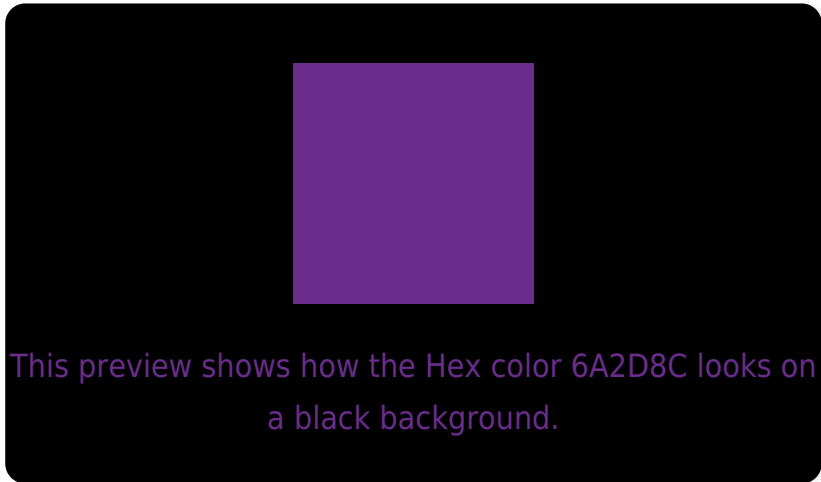
Large Text (above 18pt) WCAG AA ✓ Pass

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

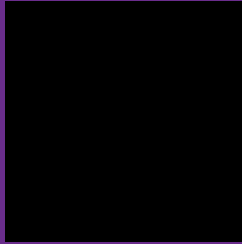
Any Text WCAG AA × Fail

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 6A2D8C Background



This preview shows how black text looks on a background with the Hex color 6A2D8C.




This preview shows how white text looks on a background with the Hex color 6A2D8C.

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](#).

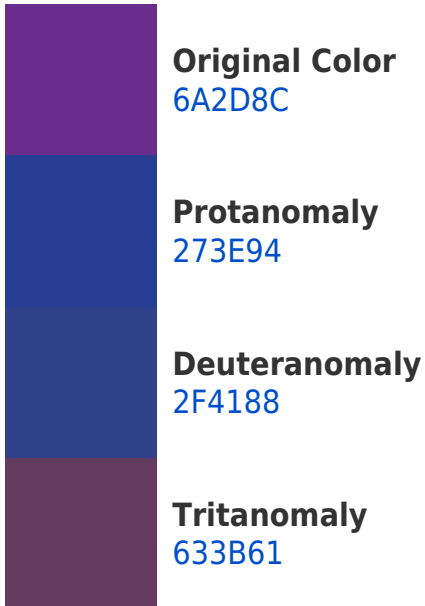
Dichromacy



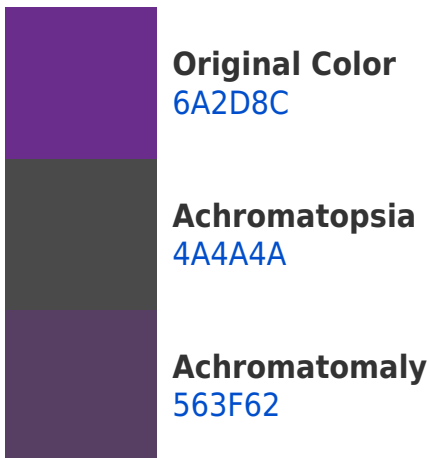


Tritanopia
5F4348

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2D8C 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 #6A2D8C looks like.

```
.text, #text, p{  
    color:#6A2D8C  
}
```

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 #6A2D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2D8C
}
```

Border

The CSS property to change the border of an element to Hex 6A2D8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

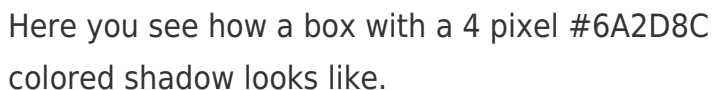
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2D8C }
```

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

```
.border{ border-color:#6A2D8C }
```

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



Here you see how a box with a 4 pixel #6A2D8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2D8C; -webkit-box-shadow:4px 4px  
4px 4px #6A2D8C; box-shadow:4px 4px 4px  
4px #6A2D8C }
```

Background

The CSS property to change the background color of an element to Hex 6A2D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2D8C }
```

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

```
.background{ background-color:#6A2D8C }
```

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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