

Converting Colors

Hex(6A2DCB)

Have a look what the booklet for
Hex(6A2DCB) contains.

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Color

Hex(6A2DCB)

Conversions

Conversions Part 1

Format	Color
Hex	6A2DCB
RGB	106, 45, 203
RGB Percent	42%, 18%, 80%
CMY	0.5843, 0.8235, 0.2039
CMYK	0.48, 0.78, 0.00, 0.20
HSL	263°, 64%, 49%
HSV	263°, 78%, 80%
XYZ	17.6617, 9.2527, 57.3550
YIQ	81.2510, -14.3620, 62.0700

Conversions

Conversions Part 2

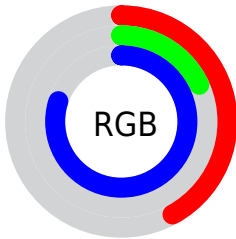
Format	Color
R_{YB}	106, 45, 203
Decimal	6958539
CIE _{Lab}	36.47, 59.17, -71.06
CIE _{LCh}	36, 92.474, 309.784
Yxy	9.2527, 0.2096, 0.1098
Android (android.graphics.Color)	4285148619 (0xFF6A2DCB)
YUV	81.2510, 60.0223, 21.7049
Hunter-Lab	30.4183, 50.4101, -90.5009

Details

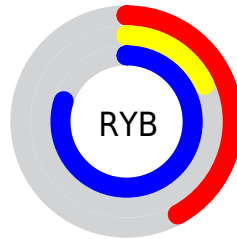
The Hex color **6A2DCB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **8ECB2D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A562FF**, and **280093** is the 20% darker color. If you saturate the color by 10%, you get **5E19CB**, and if you desaturate by 10%, it is **7641CB**.

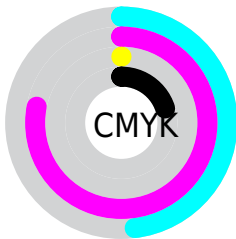
Distribution



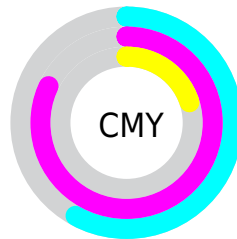
- Red (42%)
- Green (18%)
- Blue (80%)



- Red (42%)
- Yellow (18%)
- Blue (80%)



- Cyan (48%)
- Magenta (78%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (82%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2DCB 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 6A2DCB by changing the saturation by 10% instead.

6A2DCB

6A2DCB

FFFFFF

4B0EAF

A562FF

280093

C37DFF

000079

E198FF

00005F

FFB3FF

000746

FFD0FF

00042F

FFEDFF

000119

000000

6A2DCB

6A2DCB

■ 5E19CB

■ 7641CB

■ 5104CB

■ 8356CB

■ 4E00CB

■ 8F6ACB

■ 9C7ECB

■ A893CB

■ B5A7CB

■ C1BBCB

■ CECFCB

■ DAE4CB

Harmonies

Analogous

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



005AED



6A2DCB



BA008B

Triad

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



6A2DCB



913D00



00706D

Complementary

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



6A2DCB



8ECB2D

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.



006E1B



6A2DCB



535B00

Square

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



6A2DCB



BC0000



006800



0071B5

Rectangle

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



6A2DCB



CC005A



006800



006F53

Sweetspot

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



6A2DCB



DBC4FF



2D8ECB



6A5C80



000000



808080

Same Dimension

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



6A2DCB



6D12FF



B92DCB



605C66



4000A6



0F0026

Inverse Universe

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



CB2D8E



FF12A3



3FCB2D



665C62



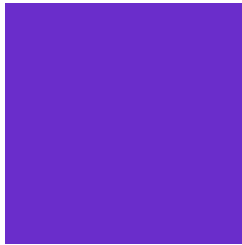
A60066



260017

Previews

White Background



This preview shows how the Hex color 6A2DCB 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

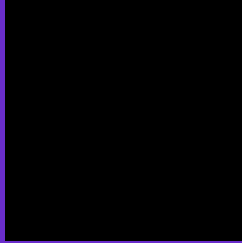
Any Text WCAG AA × Fail

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 6A2DCB Background



This preview shows how black text looks on a background with the Hex color 6A2DCB.

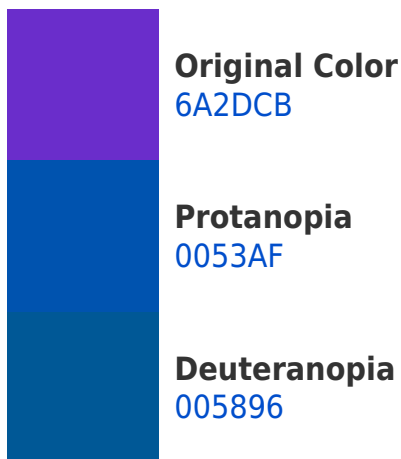


This preview shows how white text looks on a background with the Hex color 6A2DCB.

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
4D575E

Trichromacy



Original Color
6A2DCB



Protanomaly
2745B9



Deuteranomaly
2748A9



Tritanomaly
584886

Monochromacy



Original Color
6A2DCB



Achromatopsia
515151



Achromatomaly
5A447D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2DCB 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 #6A2DCB looks like.

```
.text, #text, p{  
    color:#6A2DCB  
}
```

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 #6A2DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2DCB
}
```

Border

The CSS property to change the border of an element to Hex 6A2DCB 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
#6A2DCB }
```

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

```
.border{ border-color:#6A2DCB }
```

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

Here you see how a box with a 4 pixel #6A2DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2DCB; -webkit-box-shadow:4px 4px  
4px 4px #6A2DCB; box-shadow:4px 4px 4px  
4px #6A2DCB }
```

Background

The CSS property to change the background color of an element to Hex 6A2DCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2DCB }
```

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

```
.background{ background-color:#6A2DCB }
```

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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