

Converting Colors

Hex(6D42A3)

Have a look what the booklet for
Hex(6D42A3) contains.

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Color

Hex(6D42A3)

Conversions

Conversions Part 1

Format	Color
Hex	6D42A3
RGB	109, 66, 163
RGB Percent	43%, 26%, 64%
CMY	0.5725, 0.7412, 0.3608
CMYK	0.33, 0.60, 0.00, 0.36
HSL	267°, 42%, 45%
HSV	267°, 60%, 64%
XYZ	14.8657, 9.7920, 35.7569
YIQ	89.9150, -5.5090, 39.2830

Conversions

Conversions Part 2

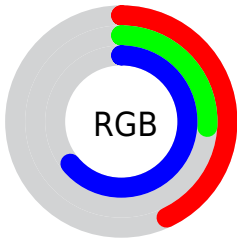
Format	Color
R_{YB}	109, 66, 163
Decimal	7160483
CIE _{Lab}	37.47, 38.93, -45.80
CIE _{LCh}	37, 60.113, 310.367
Yxy	9.7920, 0.2461, 0.1621
Android (android.graphics.Color)	4285350563 (0xFF6D42A3)
YUV	89.9150, 36.0309, 16.7375
Hunter-Lab	31.2921, 30.0375, -45.8449

Details

The Hex color **6D42A3** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **78A342**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A474DB**, and **38126E** is the 20% darker color. If you saturate the color by 10%, you get **6432A3**, and if you desaturate by 10%, it is **7652A3**.

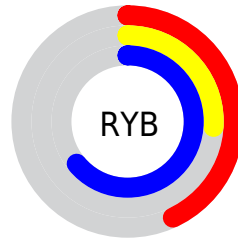
Distribution



Red (43%)

Green (26%)

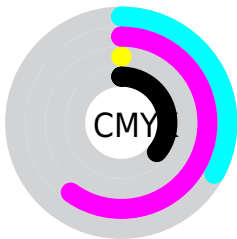
Blue (64%)



Red (43%)

Yellow (26%)

Blue (64%)

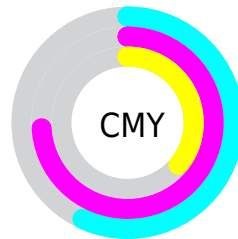


Cyan (33%)

Magenta (60%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (74%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D42A3 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 6D42A3 by changing the saturation by 10% instead.

 6D42A3

 6D42A3

FFFFFF

 522A88

 A474DB

 38126E

 C08EF7

 1C0055

 DCA9FF

 00003E

 FAC4FF

 000327

 FFE1FF

 000110

FFFEFF

 000000

 6D42A3

 6D42A3

 6432A3

 7652A3

■ 5B21A3

■ 7F63A3

■ 5211A3

■ 8873A3

■ 4901A3

■ 9183A3

■ 4800A3

■ 9A94A3

■ A3A4A3

■ ADB4A3

■ B6C4A3

■ BFD5A3

Harmonies

Analogous

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



0059B9



6D42A3



9D247A

Triad

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



6D42A3



854A00



006D68

Complementary

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



6D42A3



78A342

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.



006B35



6D42A3



5D5B00

Square

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



6D42A3



A1301B



226600



006C96

Rectangle

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



6D42A3



AA155A



226600



006D57

Sweetspot

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



6D42A3



BEAED4



4279A3



5E546B



EBEBEB



6B6B6B

Same Dimension

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



6D42A3



803DD4



9D42A3



4D4952



400091



080012

Inverse Universe

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



A34278



D43D91



48A342



52494E



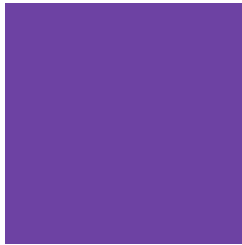
910051



12000A

Previews

White Background



This preview shows how the Hex color 6D42A3 looks on a white background.

Color Contrast Check

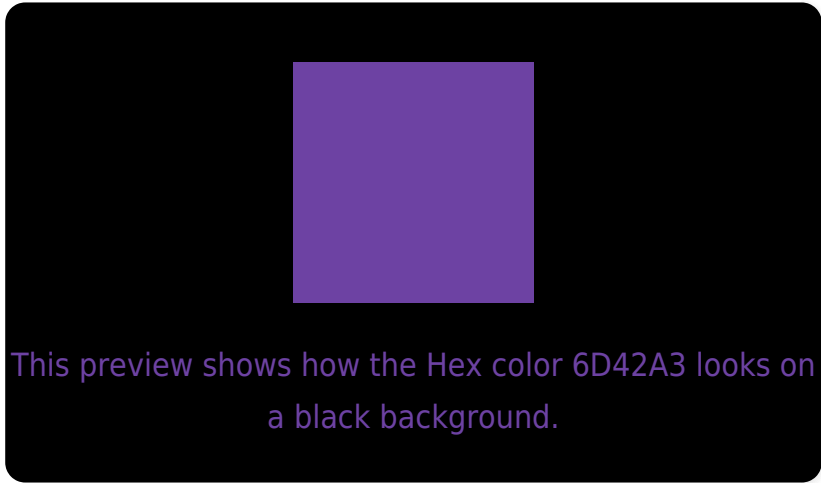
Large Text (above 18pt) WCAG AA ✓ Pass

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

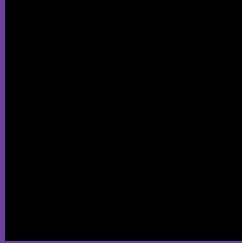
Any Text WCAG AA × Fail

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 6D42A3 Background



This preview shows how black text looks on a background with the Hex color 6D42A3.

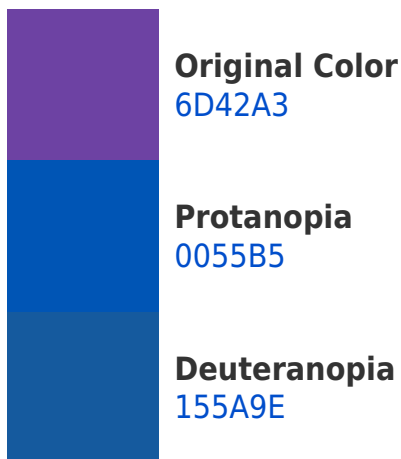


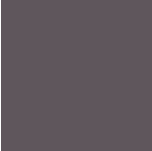
This preview shows how white text looks on a background with the Hex color 6D42A3.

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
5F565C

Trichromacy



Original Color
6D42A3



Protanomaly
284EAE



Deuteranomaly
3551A0



Tritanomaly
644F76

Monochromacy



Original Color
6D42A3



Achromatopsia
5A5A5A



Achromatomaly
615175

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D42A3 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 #6D42A3 looks like.

```
.text, #text, p{  
    color:#6D42A3  
}
```

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 #6D42A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D42A3
}
```

Border

The CSS property to change the border of an element to Hex 6D42A3 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
#6D42A3 }
```

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

```
.border{ border-color:#6D42A3 }
```

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

Here you see how a box with a 4 pixel #6D42A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D42A3; -webkit-box-shadow:4px 4px  
4px 4px #6D42A3; box-shadow:4px 4px 4px  
4px #6D42A3 }
```

Background

The CSS property to change the background color of an element to Hex 6D42A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D42A3 }
```

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

```
.background{ background-color:#6D42A3 }
```

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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