

Converting Colors

Hex(6C42B8)

Have a look what the booklet for
Hex(6C42B8) contains.

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Color

Hex(6C42B8)

Conversions

Conversions Part 1

Format	Color
Hex	6C42B8
RGB	108, 66, 184
RGB Percent	42%, 26%, 72%
CMY	0.5765, 0.7412, 0.2784
CMYK	0.41, 0.64, 0.00, 0.28
HSL	261°, 47%, 49%
HSV	261°, 64%, 72%
XYZ	16.7843, 10.5453, 46.4982
YIQ	92.0100, -12.8460, 45.6020

Conversions

Conversions Part 2

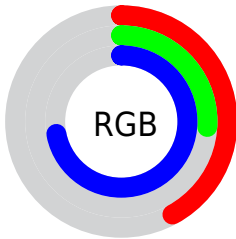
Format	Color
RYB	108, 66, 184
Decimal	7094968
CIELab	38.80, 44.29, -56.12
CIElCh	39, 71.495, 308.282
Yxy	10.5453, 0.2273, 0.1428
Android (android.graphics.Color)	4285285048 (0xFF6C42B8)
YUV	92.0100, 45.3511, 14.0232
Hunter-Lab	32.4735, 35.4312, -62.1649

Details

The Hex color **6C42B8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8EB842**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A474F1**, and **331182** is the 20% darker color. If you saturate the color by 10%, you get **6030B8**, and if you desaturate by 10%, it is **7854B8**.

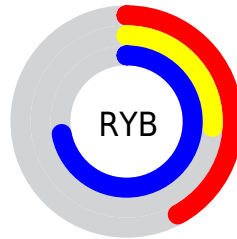
Distribution



Red (42%)

Green (26%)

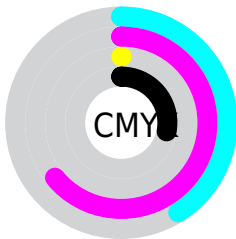
Blue (72%)



Red (42%)

Yellow (26%)

Blue (72%)

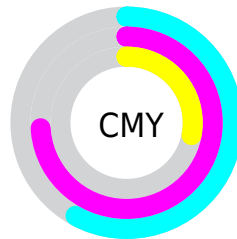


Cyan (41%)

Magenta (64%)

Yellow (0%)

Black (28%)



Cyan (58%)

Magenta (74%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C42B8 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 6C42B8 by changing the saturation by 10% instead.

6C42B8

6C42B8

FFFFFF

502A9D

A474F1

331182

C18FFF

0E0068

DEA9FF

00004F

FCC5FF

000537

FFE1FF

000221

FFFEFF

000006

000000

6C42B8

6C42B8

6030B8

7854B8

541DB8

8467B8

480BB8

9079B8

4100B8

9B8CB8

A79EB8

B3B0B8

BFC3B8

CBD5B8

D7E8B8

Harmonies

Analogous

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



005ED0



6C42B8



AA0C88

Triad

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



6C42B8



914800



00736B

Complementary

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



6C42B8



8EB842

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.



00702D



6C42B8



625E00

Square

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



6C42B8



B22015



176B00



0073A3

Rectangle

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



6C42B8



BB0061



176B00



007256

Sweetspot

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



6C42B8



D2C2F0



428FB8



665C78



F7F7F7



787878

Same Dimension

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



6C42B8



7937F0



A642B8



56535C



37009C



0A001C

Inverse Universe

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



B8428E



F037AE



54B842



5C5359



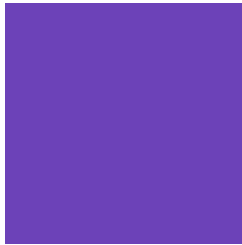
9C0064



1C0012

Previews

White Background



This preview shows how the Hex color 6C42B8 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

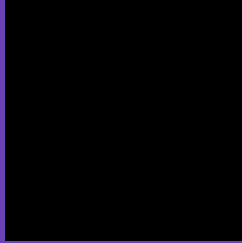
Any Text WCAG AA × Fail

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 6C42B8 Background



This preview shows how black text looks on a background with the Hex color 6C42B8.



This preview shows how white text looks on a background with the Hex color 6C42B8.

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
585B63

Trichromacy



Original Color
6C42B8



Protanomaly
2750BA



Deuteranomaly
2754AB



Tritanomaly
5F5282

Monochromacy



Original Color
6C42B8



Achromatopsia
5C5C5C



Achromatomaly
62537D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C42B8 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 #6C42B8 looks like.

```
.text, #text, p{  
    color:#6C42B8  
}
```

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 #6C42B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C42B8
}
```

Border

The CSS property to change the border of an element to Hex 6C42B8 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
#6C42B8 }
```

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

```
.border{ border-color:#6C42B8 }
```

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

Here you see how a box with a 4 pixel #6C42B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C42B8; -webkit-box-shadow:4px 4px  
4px 4px #6C42B8; box-shadow:4px 4px 4px  
4px #6C42B8 }
```

Background

The CSS property to change the background color of an element to Hex 6C42B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C42B8 }
```

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

```
.background{ background-color:#6C42B8 }
```

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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