

Converting Colors

Hex(6C68D3)

Have a look what the booklet for
Hex(6C68D3) contains.

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Color

Hex(6C68D3)

Conversions

Conversions Part 1

Format	Color
Hex	6C68D3
RGB	108, 104, 211
RGB Percent	42%, 41%, 83%
CMY	0.5765, 0.5922, 0.1725
CMYK	0.49, 0.51, 0.00, 0.17
HSL	242°, 55%, 62%
HSV	242°, 51%, 83%
XYZ	22.8925, 17.7919, 63.8556
YIQ	117.3940, -31.9630, 34.1250

Conversions

Conversions Part 2

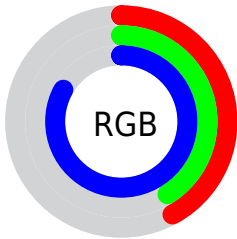
Format	Color
RYB	108, 104, 211
Decimal	7104723
CIELab	49.24, 29.87, -54.92
CIELCh	49, 62.519, 298.543
Yxy	17.7919, 0.2190, 0.1702
Android (android.graphics.Color)	4285294803 (0xFF6C68D3)
YUV	117.3940, 46.1478, -8.2385
Hunter-Lab	42.1805, 23.0611, -60.2309

Details

The Hex color **6C68D3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CFD368**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A59BFF**, and **30399C** is the 20% darker color. If you saturate the color by 10%, you get **5853D3**, and if you desaturate by 10%, it is **807DD3**.

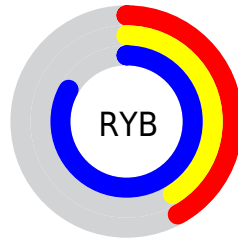
Distribution



Red (42%)

Green (41%)

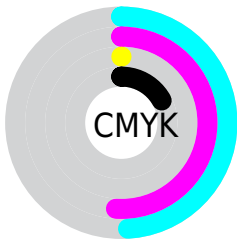
Blue (83%)



Red (42%)

Yellow (41%)

Blue (83%)

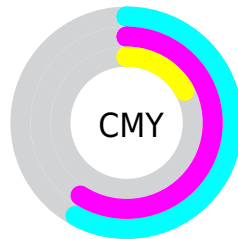


Cyan (49%)

Magenta (51%)

Yellow (0%)

Black (17%)



Cyan (58%)

Magenta (59%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C68D3 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 6C68D3 by changing the saturation by 10% instead.

■ 6C68D3

■ 6C68D3

FFFFFF

■ 4F50B7

■ A59BFF

■ 30399C

■ C2B6FF

■ 002381

■ DFD2FF

■ 001067

■ FDEEFF

■ 00004F

■ 000537

■ 000220

■ 000005

■ 000000

6C68D3

6C68D3

5853D3

807DD3

433ED3

9592D3

2F29D3

A9A7D3

1B14D3

BDBCD3

0800D3

D2D2D3

E6E7D3

FAFCD3

FFFFD3

Harmonies

Analogous

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



007CE0



6C68D3



B14DAD

Triad

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



6C68D3



B75C13



008D71

Complementary

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



6C68D3



CFD368

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.



00893A



6C68D3



8F7200

Square

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



6C68D3



CF4446



5B8100



008DA6

Rectangle

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



6C68D3



C93E8C



5B8100



008C5E

Sweetspot

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



6C68D3



DAD9FF



68CFD3



696980



000000



808080

Same Dimension

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



6C68D3



6963FF



A168D3



5E5E69



0600A8



020029

Inverse Universe

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



D368CF



FF63F9



9AD368



695E68



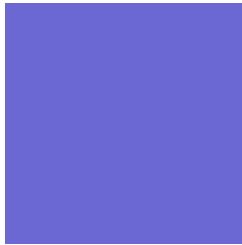
A800A2



290027

Previews

White Background



This preview shows how the Hex color 6C68D3 looks on a white background.

Color Contrast Check

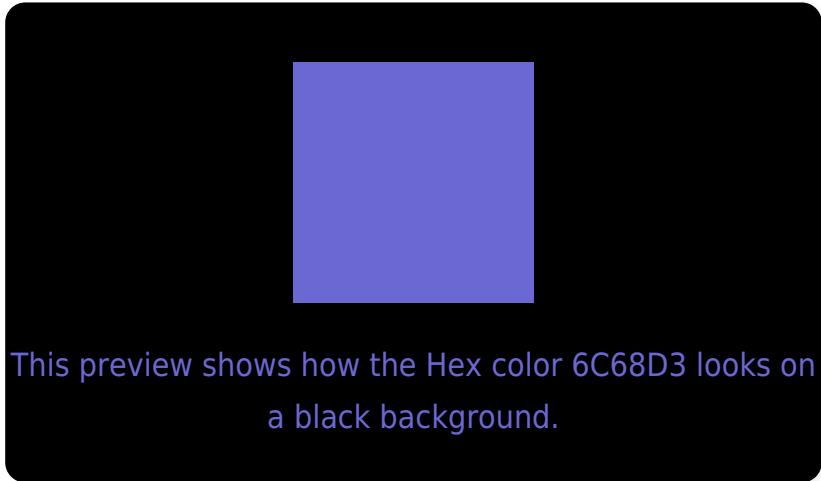
Large Text (above 18pt) WCAG AA ✓ Pass

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

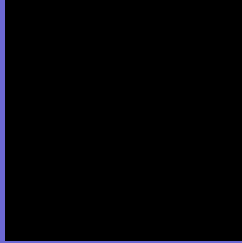
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6C68D3 Background



This preview shows how black text looks on a background with the Hex color 6C68D3.



This preview shows how white text looks on a background with the Hex color 6C68D3.

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](#).

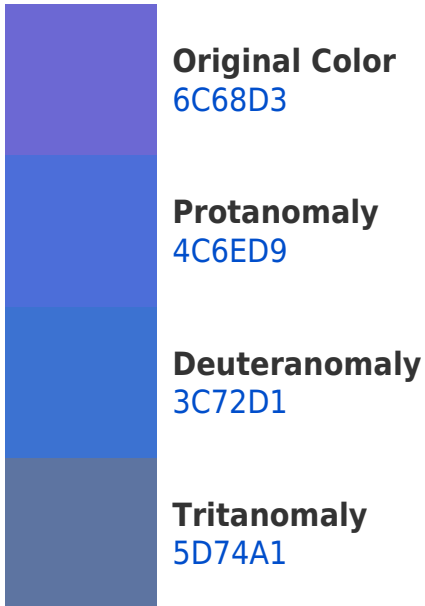
Dichromacy





Tritanopia
557B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C68D3 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 #6C68D3 looks like.

```
.text, #text, p{  
    color:#6C68D3  
}
```

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 #6C68D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C68D3
}
```

Border

The CSS property to change the border of an element to Hex 6C68D3 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
#6C68D3 }
```

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

```
.border{ border-color:#6C68D3 }
```

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

Here you see how a box with a 4 pixel #6C68D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C68D3; -webkit-box-shadow:4px 4px  
4px 4px #6C68D3; box-shadow:4px 4px 4px  
4px #6C68D3 }
```

Background

The CSS property to change the background color of an element to Hex 6C68D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C68D3 }
```

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

```
.background{ background-color:#6C68D3 }
```

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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