

Converting Colors

Hex(6D3CB5)

Have a look what the booklet for
Hex(6D3CB5) contains.

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Color

Hex(6D3CB5)

Conversions

Conversions Part 1

Format	Color
Hex	6D3CB5
RGB	109, 60, 181
RGB Percent	43%, 24%, 71%
CMY	0.5725, 0.7647, 0.2902
CMYK	0.40, 0.67, 0.00, 0.29
HSL	264°, 50%, 47%
HSV	264°, 67%, 71%
XYZ	16.2630, 9.8191, 44.7542
YIQ	88.4450, -9.6370, 48.0190

Conversions

Conversions Part 2

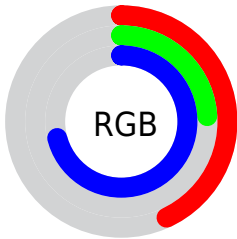
Format	Color
R _Y B	109, 60, 181
Decimal	7158965
CIE Lab	37.52, 46.91, -56.43
CIE LCh	38, 73.386, 309.734
Yxy	9.8191, 0.2296, 0.1386
Android (android.graphics.Color)	4285349045 (0xFF6D3CB5)
YUV	88.4450, 45.6296, 18.0267
Hunter-Lab	31.3355, 37.8039, -62.7448

Details

The Hex color **6D3CB5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **84B53C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A56FEE**, and **34077F** is the 20% darker color. If you saturate the color by 10%, you get **622AB5**, and if you desaturate by 10%, it is **784EB5**.

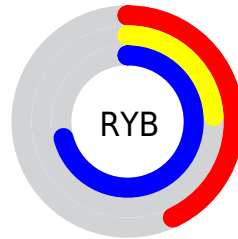
Distribution



Red (43%)

Green (24%)

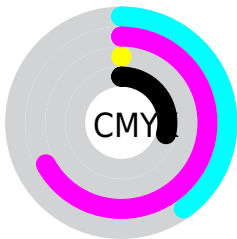
Blue (71%)



Red (43%)

Yellow (24%)

Blue (71%)

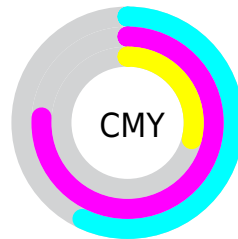


Cyan (40%)

Magenta (67%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6D3CB5 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 6D3CB5 by changing the saturation by 10% instead.

 6D3CB5

 6D3CB5

FFFFFF

 51239A

 A56FEE

 34077F

 C289FF

 110065

 DFA4FF

 00004D

 FDBFFF

 000535

 FFDCFF

 00021E

 FFF8FF

 000001

 000000

 6D3CB5

 6D3CB5

622AB5

784EB5

5718B5

8360B5

4D06B5

8D72B5

4900B5

9884B5

A397B5

AEA9B5

B8BBB5

C3CDB5

CEDFB5

Harmonies

Analogous

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



005BD0



6D3CB5



AA0083

Triad

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



6D3CB5



8C4600



00706B

Complementary

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



6D3CB5



84B53C

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.



006E2C



6D3CB5



5B5C00

Square

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



6D3CB5



AE1A0B



006800



006FA4

Rectangle

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



6D3CB5



B9005C



006800



006F56

Sweetspot

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



6D3CB5



CFBCEB



3C85B5



655975



F5F5F5



757575

Same Dimension

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



6D3CB5



7B2FEB



A93CB5



545059



3E0099



0A001A

Inverse Universe

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



B53C84



EB2F9F



48B53C



595056



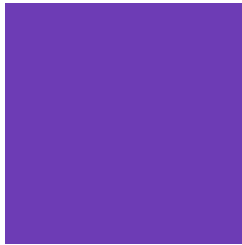
99005B



1A000F

Previews

White Background



This preview shows how the Hex color 6D3CB5 looks on a white background.

Color Contrast Check

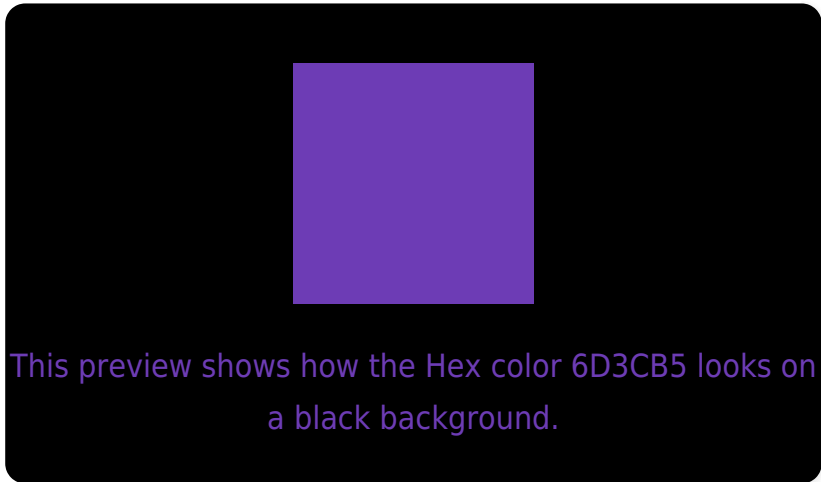
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D3CB5 Background



This preview shows how black text looks on a background with the Hex color 6D3CB5.

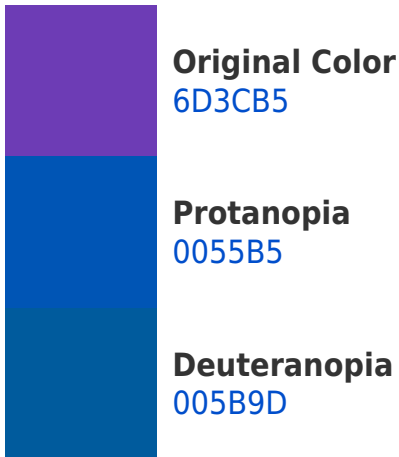


This preview shows how white text looks on a background with the Hex color 6D3CB5.

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
5A575E

Trichromacy



Original Color
6D3CB5



Protanomaly
284CB5



Deuteranomaly
2850A6



Tritanomaly
614D7E

Monochromacy



Original Color
6D3CB5



Achromatopsia
585858



Achromatomaly
604E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3CB5 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 #6D3CB5 looks like.

```
.text, #text, p{  
    color:#6D3CB5  
}
```

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 #6D3CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3CB5
}
```

Border

The CSS property to change the border of an element to Hex 6D3CB5 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
#6D3CB5 }
```

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

```
.border{ border-color:#6D3CB5 }
```

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

Here you see how a box with a 4 pixel #6D3CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3CB5; -webkit-box-shadow:4px 4px  
4px 4px #6D3CB5; box-shadow:4px 4px 4px  
4px #6D3CB5 }
```

Background

The CSS property to change the background color of an element to Hex 6D3CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3CB5 }
```

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

```
.background{ background-color:#6D3CB5 }
```

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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