

# Converting Colors

Hex(6D14CB)

Have a look what the booklet for  
Hex(6D14CB) contains.

<b>Hex(6D14CB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6D14CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D14CB
RGB	109, 20, 203
RGB Percent	43%, 8%, 80%
CMY	0.5725, 0.9216, 0.2039
CMYK	0.46, 0.90, 0.00, 0.20
HSL	269°, 82%, 44%
HSV	269°, 90%, 80%
XYZ	17.3363, 8.0633, 57.1426
YIQ	67.4730, -5.6990, 75.7810

# Conversions

## Conversions Part 2

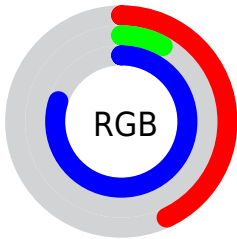
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	109, 20, 203
Decimal	7148747
CIE Lab	34.11, 67.55, -74.92
CIE LCh	34, 100.874, 312.038
Yxy	8.0633, 0.2100, 0.0977
Android (android.graphics.Color)	4285338827 (0xFF6D14CB)
YUV	67.4730, 66.8148, 36.4192
Hunter-Lab	28.3960, 59.2849, -99.4348

# Details

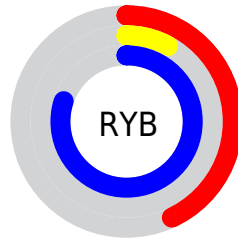
The Hex color **6D14CB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **72CB14**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A952FF**, and **2B0093** is the 20% darker color. If you saturate the color by 10%, you get **6300CB**, and if you desaturate by 10%, it is **7728CB**.

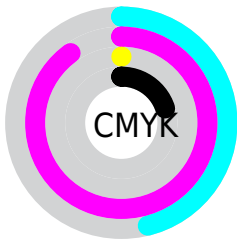
# Distribution



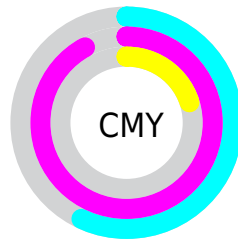
- Red (43%)
- Green (8%)
- Blue (80%)



- Red (43%)
- Yellow (8%)
- Blue (80%)



- Cyan (46%)
- Magenta (90%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (92%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D14CB 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 6D14CB by changing the saturation by 10% instead.



 6D14CB

 6D14CB

FFFFFF

 4E00AF

 A952FF

 2B0093

 C76DFF

 000079

 E589FF

 00005F

 FFA5FF

 000846

 FFC1FF

 00042F

 FFDEFF

 000119

 FFFCFF

 000000

 6D14CB

 6D14CB

6300CB

7728CB

823DCB

8C51CB

9765CB

A17ACB

AC8ECB

B6A2CB

C0B6CB

CBCBCB

# Harmonies

## Analogous

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



0054F4



6D14CB



BE0084

# Triad

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



6D14CB



883800



006B70

# Complementary

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



6D14CB



72CB14

# 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.



006817



6D14CB



455800

# Square

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



6D14CB



B90000



006400



006CBD

# Rectangle

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



6D14CB



CF004F



006400



006A54



# Sweetspot

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



6D14CB



DCBAFF



1473CB



6B5780



000000



808080



# Same Dimension

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



6D14CB



7C00FF



C814CB



615C66



5100A6



130026



# Inverse Universe

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



CB1472



FF0083



17CB14



665C61



A60055

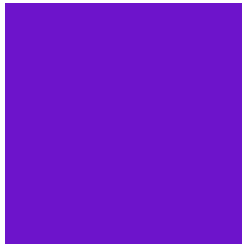


260014



# Previews

## White Background



This preview shows how the Hex color 6D14CB looks on a white background.

## Color Contrast Check

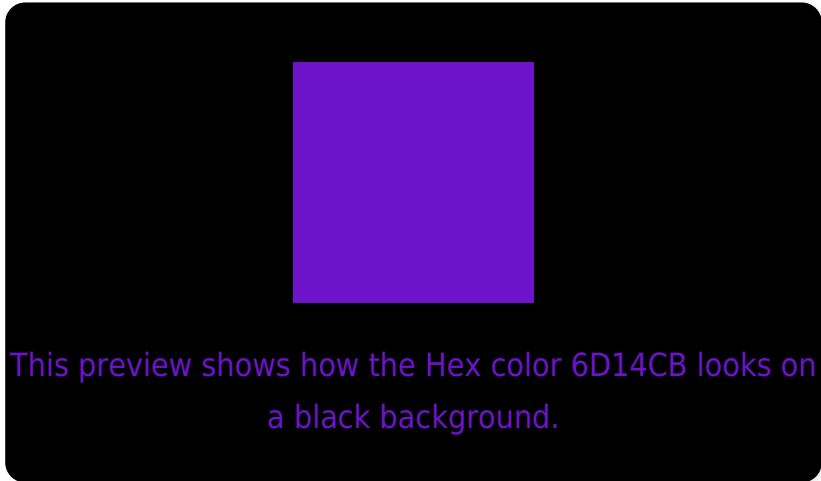
Large Text (above 18pt) WCAG AA ✓ Pass

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

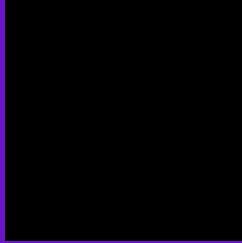
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D14CB Background



This preview shows how black text looks on a background with the Hex color 6D14CB.



This preview shows how white text looks on a background with the Hex color 6D14CB.

# 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



**Original Color**  
6D14CB

**Protanopia**  
004EA5

**Deuteranopia**  
00538D



**Tritanopia**  
505157

# Trichromacy



**Original Color**  
6D14CB



**Protanomaly**  
2839B3



**Deuteranomaly**  
283CA4



**Tritanomaly**  
5B3B81

# Monochromacy



**Original Color**  
6D14CB



**Achromatopsia**  
434343



**Achromatomaly**  
523274

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D14CB 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 #6D14CB looks like.

```
.text, #text, p{  
    color:#6D14CB  
}
```

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 #6D14CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D14CB
}
```

## Border

The CSS property to change the border of an element to Hex 6D14CB 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".

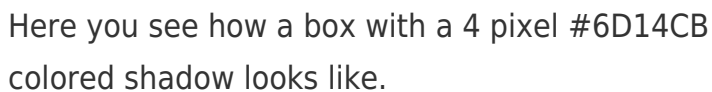
```
.border, #border, table{ border:4px solid
#6D14CB }
```

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

```
.border{ border-color:#6D14CB }
```

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

Here you see how a box with a 4 pixel #6D14CB colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D14CB; -webkit-box-shadow:4px 4px  
4px 4px #6D14CB; box-shadow:4px 4px 4px  
4px #6D14CB }
```

# Background

The CSS property to change the background color of an element to Hex 6D14CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D14CB }
```

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

```
.background{ background-color:#6D14CB }
```

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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