

# Converting Colors

Hex(6C19D6)

Have a look what the booklet for  
Hex(6C19D6) contains.

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**Color**

**Hex(6C19D6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C19D6
RGB	108, 25, 214
RGB Percent	42%, 10%, 84%
CMY	0.5765, 0.9020, 0.1608
CMYK	0.50, 0.88, 0.00, 0.16
HSL	266°, 79%, 47%
HSV	266°, 88%, 84%
XYZ	18.6696, 8.7384, 64.3210
YIQ	71.3630, -11.2010, 76.3750

# Conversions

## Conversions Part 2

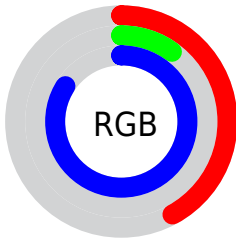
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 25, 214</a>
Decimal	<a href="#">7084502</a>
CIELab	<a href="#">35.48, 68.77, -79.06</a>
CIElCh	<a href="#">35, 104.787, 311.018</a>
Yxy	<a href="#">8.7384, 0.2035, 0.0953</a>
Android (android.graphics.Color)	<a href="#">4285274582 (0xFF6C19D6)</a>
YUV	<a href="#">71.3630, 70.3200, 32.1306</a>
Hunter-Lab	<a href="#">29.5609, 61.0026, -108.3156</a>

# Details

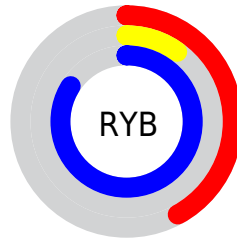
The Hex color **6C19D6** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **83D619**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A955FF**, and **26009E** is the 20% darker color. If you saturate the color by 10%, you get **6004D6**, and if you desaturate by 10%, it is **782ED6**.

# Distribution



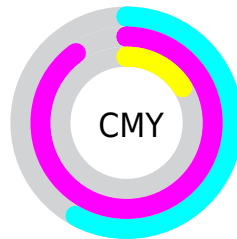
- Red (42%)
- Green (10%)
- Blue (84%)



- Red (42%)
- Yellow (10%)
- Blue (84%)



- Cyan (50%)
- Magenta (88%)
- Yellow (0%)
- Black (16%)



- Cyan (58%)
- Magenta (90%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C19D6 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 6C19D6 by changing the saturation by 10% instead.



 6C19D6

 6C19D6

FFFFFF

 4C00BA

 A955FF

 26009E


 C871FF

 000083

 E68CFF

 000068


 FFA8FF

 00054F

 FFC5FF

 000537

 FFE2FF

 000221

 000006

 000000

■ 6C19D6

■ 6C19D6

■ 6004D6

■ 782ED6

■ 5E00D6

■ 8444D6

■ 9059D6

■ 9C6FD6

■ A884D6

■ B499D6

■ C0AFD6

■ CCC4D6

■ D8DAD6

# Harmonies

## Analogous

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



0059FF



6C19D6



C4008C

# Triad

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



6C19D6



903900



006F72

# Complementary

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



6C19D6



83D619

# 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.



006C13



6C19D6



4A5A00

# Square

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



6C19D6



C20000



006800



0071C3

# Rectangle

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



6C19D6



D70055



006800



006E55



# Sweetspot

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



6C19D6



DABDFF



1984D6



695880



000000



808080



# Same Dimension

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



6C19D6



7000FF



C919D6



65606B



4B00AB



13002B



# Inverse Universe

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



D61983



FF008F



26D619



6B6066



AB0060

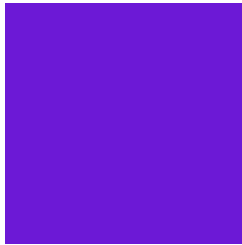


2B0018



# Previews

## White Background



This preview shows how the Hex color 6C19D6 looks on a white background.

## Color Contrast Check

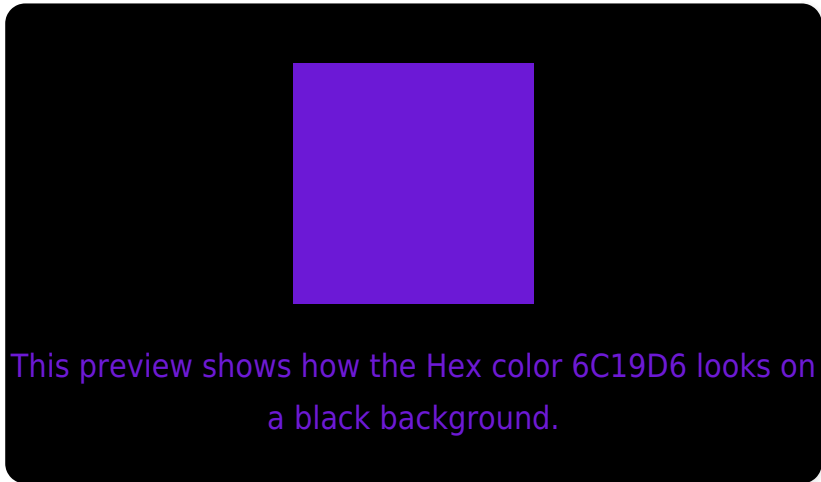
Large Text (above 18pt) WCAG AA ✓ Pass

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

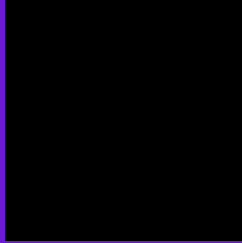
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C19D6 Background



This preview shows how black text looks on a background with the Hex color 6C19D6.

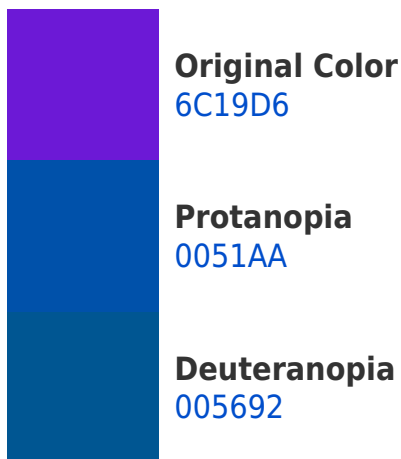


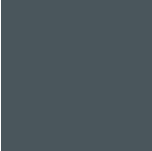
This preview shows how white text looks on a background with the Hex color 6C19D6.

# 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**  
4A565C

# Trichromacy



**Original Color**  
6C19D6



**Protanomaly**  
273DBA



**Deuteranomaly**  
2740AB



**Tritanomaly**  
564088

# Monochromacy



**Original Color**  
6C19D6



**Achromatopsia**  
474747



**Achromatomaly**  
54367B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C19D6 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 #6C19D6 looks like.

```
.text, #text, p{  
    color:#6C19D6  
}
```

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 #6C19D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C19D6
}
```

## Border

The CSS property to change the border of an element to Hex 6C19D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

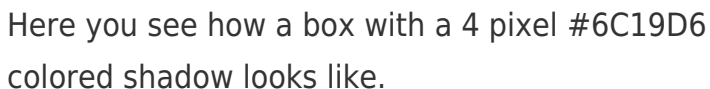
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C19D6 }
```

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

```
.border{ border-color:#6C19D6 }
```

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



Here you see how a box with a 4 pixel #6C19D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C19D6; -webkit-box-shadow:4px 4px  
4px 4px #6C19D6; box-shadow:4px 4px 4px  
4px #6C19D6 }
```

# Background

The CSS property to change the background color of an element to Hex 6C19D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C19D6 }
```

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

```
.background{ background-color:#6C19D6 }
```

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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