

# Converting Colors

Hex(6C61A6)

Have a look what the booklet for  
Hex(6C61A6) contains.

<b>Hex(6C61A6)</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(6C61A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C61A6
RGB	108, 97, 166
RGB Percent	42%, 38%, 65%
CMY	0.5765, 0.6196, 0.3490
CMYK	0.35, 0.42, 0.00, 0.35
HSL	250°, 28%, 52%
HSV	250°, 42%, 65%
XYZ	17.3420, 14.4907, 37.9594
YIQ	108.1550, -15.5930, 23.7910

# Conversions

## Conversions Part 2

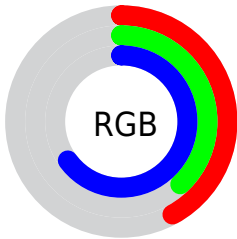
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 97, 166
Decimal	7102886
CIE Lab	44.93, 20.97, -35.71
CIE LCh	45, 41.412, 300.417
Yxy	14.4907, 0.2485, 0.2076
Android (android.graphics.Color)	4285292966 (0xFF6C61A6)
YUV	108.1550, 28.5176, -0.1359
Hunter-Lab	38.0667, 14.7023, -32.4762

# Details

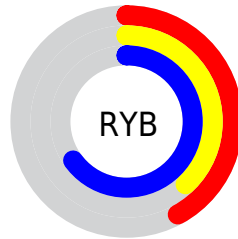
The Hex color **6C61A6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9BA661**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A294DD**, and **393372** is the 20% darker color. If you saturate the color by 10%, you get **5E50A6**, and if you desaturate by 10%, it is **7A72A6**.

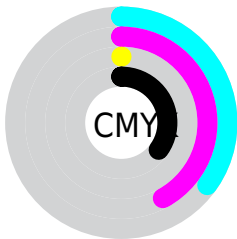
# Distribution



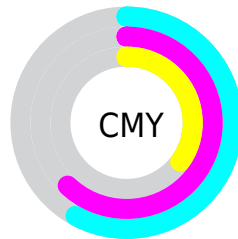
- Red (42%)
- Green (38%)
- Blue (65%)



- Red (42%)
- Yellow (38%)
- Blue (65%)



- Cyan (35%)
- Magenta (42%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (62%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C61A6 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 6C61A6 by changing the saturation by 10% instead.





6C61A6



6C61A6

FFFFFF



52498B



A294DD



393372



BDAEFA



1F1D59



DACAFF



010741



F7E6FF



00032A



000114



000000



6C61A6



6C61A6



5E50A6



7A72A6

■ 5040A6

■ 8882A6

■ 422FA6

■ 9693A6

■ 341FA6

■ A4A3A6

■ 260EA6

■ B2B4A6

■ 1A00A6

■ C0C5A6

■ CED5A6

■ DCE6A6

■ EAF6A6

# Harmonies

## Analogous

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



1C6EAF



6C61A6



95538D

# Triad

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



6C61A6



985C2E



007B6A

# Complementary

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



6C61A6



9BA661

# 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.



2A7847



6C61A6



7D6921

# Square

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



6C61A6



A85049



5A722B



007B8C

# Rectangle

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



6C61A6



A44D77



5A722B



007B5E



# Sweetspot

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



6C61A6



C3BFD9



619CA6



615E6E



EDEDED



6E6E6E



# Same Dimension

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



6C61A6



7E6CD9



8E61A6



4D4C54



180094



030014



# Inverse Universe

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



A6619B



D96CC7



79A661



544C53



94007C

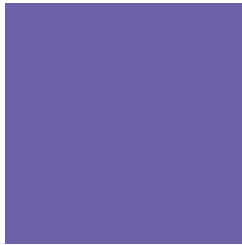


140011



# Previews

## White Background



This preview shows how the Hex color 6C61A6 looks on a white background.

## Color Contrast Check

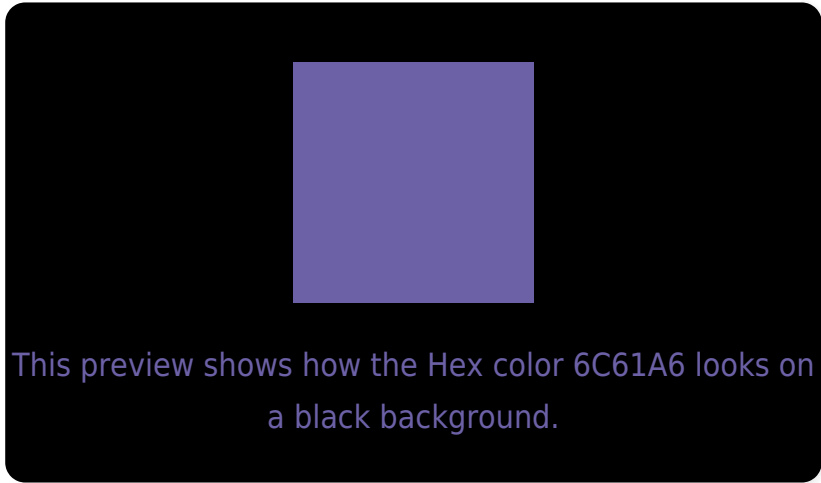
Large Text (above 18pt) WCAG AA ✓ Pass

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

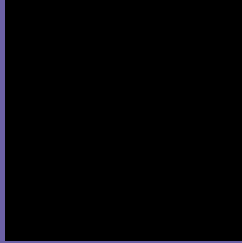
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C61A6 Background



This preview shows how black text looks on a background with the Hex color 6C61A6.



This preview shows how white text looks on a background with the Hex color 6C61A6.

# 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**  
6C61A6

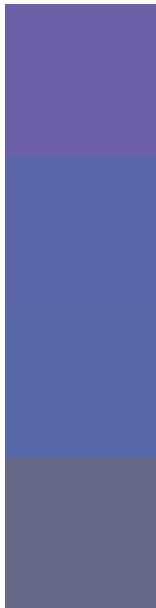
**Protanopia**  
4F68AC

**Deuteranopia**  
4D6AA4



**Tritanopia**  
616C74

# Trichromacy



**Original Color**  
6C61A6

**Protanomaly**  
5A65AA

**Deuteranomaly**  
5867A5

**Tritanomaly**  
656886

# Monochromacy



**Original Color**  
6C61A6

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6C6881

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C61A6 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 #6C61A6 looks like.

```
.text, #text, p{  
    color:#6C61A6  
}
```

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 #6C61A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C61A6
}
```

## Border

The CSS property to change the border of an element to Hex 6C61A6 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
#6C61A6 }
```

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

```
.border{ border-color:#6C61A6 }
```

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

Here you see how a box with a 4 pixel #6C61A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C61A6; -webkit-box-shadow:4px 4px  
4px 4px #6C61A6; box-shadow:4px 4px 4px  
4px #6C61A6 }
```

# Background

The CSS property to change the background color of an element to Hex 6C61A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C61A6 }
```

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

```
.background{ background-color:#6C61A6 }
```

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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