

Converting Colors

Hex(6C1EA3)

Have a look what the booklet for
Hex(6C1EA3) contains.

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Color

Hex(6C1EA3)

Conversions

Conversions Part 1

Format	Color
Hex	6C1EA3
RGB	108, 30, 163
RGB Percent	42%, 12%, 64%
CMY	0.5765, 0.8824, 0.3608
CMYK	0.34, 0.82, 0.00, 0.36
HSL	275°, 69%, 38%
HSV	275°, 82%, 64%
XYZ	13.2595, 6.7610, 35.2565
YIQ	68.4840, 3.7950, 57.8990

Conversions

Conversions Part 2

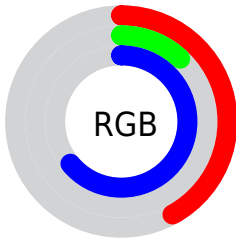
Format	Color
R_{YB}	108, 30, 163
Decimal	7085731
CIE _{Lab}	31.26, 55.63, -55.86
CIE _{LCh}	31, 78.833, 314.879
Yxy	6.7610, 0.2399, 0.1223
Android (android.graphics.Color)	4285275811 (0xFF6C1EA3)
YUV	68.4840, 46.5964, 34.6555
Hunter-Lab	26.0020, 45.5209, -62.1908

Details

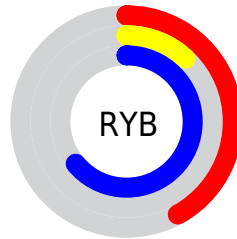
The Hex color **6C1EA3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **55A31E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A455DB**, and **34006E** is the 20% darker color. If you saturate the color by 10%, you get **650EA3**, and if you desaturate by 10%, it is **732EA3**.

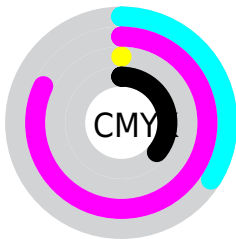
Distribution



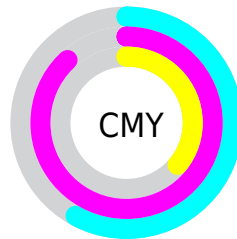
- Red (42%)
- Green (12%)
- Blue (64%)



- Red (42%)
- Yellow (12%)
- Blue (64%)



- Cyan (34%)
- Magenta (82%)
- Yellow (0%)
- Black (36%)



- Cyan (58%)
- Magenta (88%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C1EA3 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 6C1EA3 by changing the saturation by 10% instead.

 6C1EA3

 6C1EA3

FFFFFF

 500088

 A455DB

 34006E

 C16FF8

 180055

 DE8AFF

 00003D

 FCA6FF

 000226

 FFC2FF

 00010F

 FFDEFF

 000000

 FFFCFF

 6C1EA3

 6C1EA3

650EA3

732EA3

6000A3

793FA3

804FA3

875FA3

8E70A3

9480A3

9B90A3

A2A0A3

A9B1A3

Harmonies

Analogous

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



0049C4



6C1EA3



A2006B

Triad

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



6C1EA3



743B00



006068

Complementary

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



6C1EA3



55A31E

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.



005E26



6C1EA3



3E5100

Square

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



6C1EA3



9B0000



005A00



0060A1

Rectangle

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



6C1EA3



AE0043



005A00



006053

Sweetspot

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



6C1EA3



BFA1D4



1E55A3



5E4C6B



EBEBEB



6B6B6B

Same Dimension

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



6C1EA3



7E04D4



A31E98



4E4952



550091



0A0012

Inverse Universe

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



A31E55



D4045A



1EA329



52494D



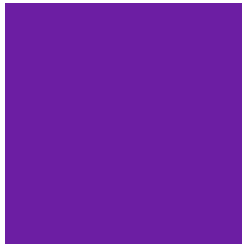
91003C



120007

Previews

White Background



This preview shows how the Hex color 6C1EA3 looks on a white background.

Color Contrast Check

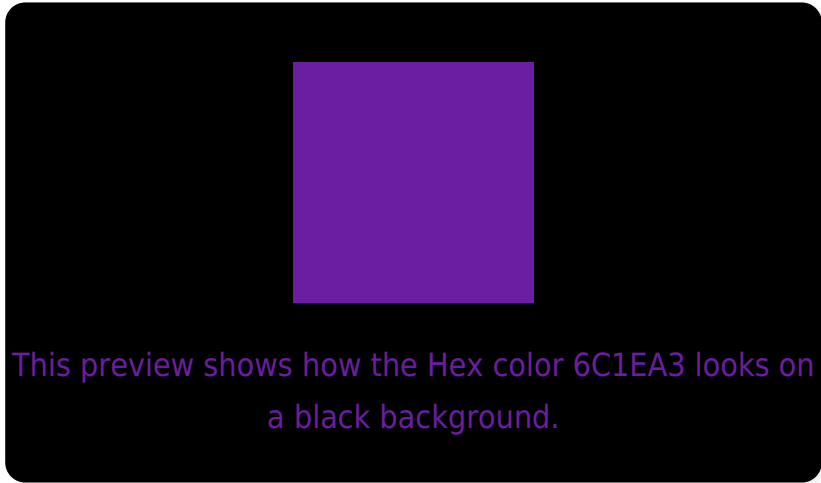
Large Text (above 18pt) WCAG AA ✓ Pass

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

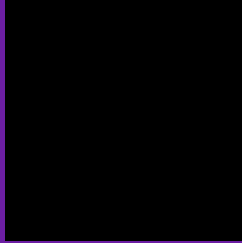
Any Text WCAG AA × Fail

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 6C1EA3 Background



This preview shows how black text looks on a background with the Hex color 6C1EA3.



This preview shows how white text looks on a background with the Hex color 6C1EA3.

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
6C1EA3

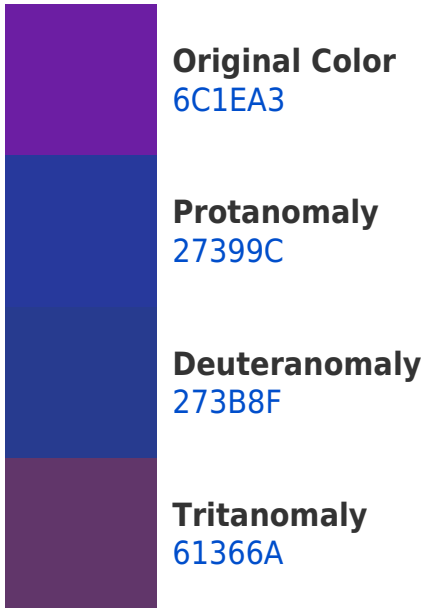
Protanopia
004898

Deuteranopia
004C84

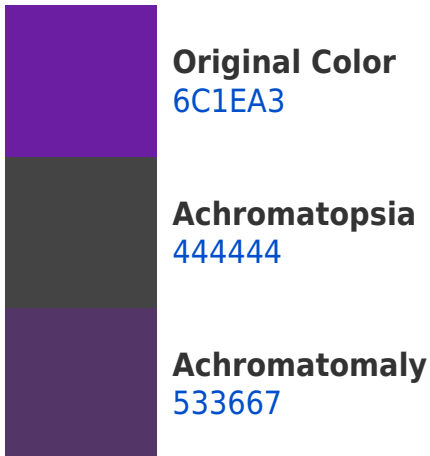


Tritanopia
5B4449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C1EA3 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 #6C1EA3 looks like.

```
.text, #text, p{  
    color:#6C1EA3  
}
```

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 #6C1EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C1EA3
}
```

Border

The CSS property to change the border of an element to Hex 6C1EA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

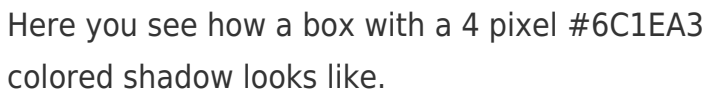
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C1EA3 }
```

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

```
.border{ border-color:#6C1EA3 }
```

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



Here you see how a box with a 4 pixel #6C1EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C1EA3; -webkit-box-shadow:4px 4px  
4px 4px #6C1EA3; box-shadow:4px 4px 4px  
4px #6C1EA3 }
```

Background

The CSS property to change the background color of an element to Hex 6C1EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C1EA3 }
```

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

```
.background{ background-color:#6C1EA3 }
```

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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