

Converting Colors

Hex(6C3AE1)

Have a look what the booklet for
Hex(6C3AE1) contains.

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Color

Hex(6C3AE1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6C3AE1 |
| RGB | 108, 58, 225 |
| RGB Percent | 42%, 23%, 88% |
| CMY | 0.5765, 0.7725, 0.1176 |
| CMYK | 0.52, 0.74, 0.00, 0.12 |
| HSL | 258°, 74%, 55% |
| HSV | 258°, 74%, 88% |
| XYZ | 21.2880, 11.6505, 72.3609 |
| YIQ | 91.9880, -23.8070, 62.5370 |

Conversions

Conversions Part 2

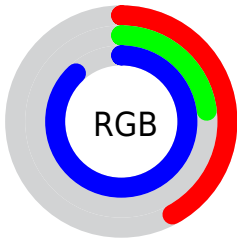
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 108, 58, 225 |
| Decimal | 7092961 |
| CIE _{Lab} | 40.66, 59.44, -76.85 |
| CIE _{LCh} | 41, 97.158, 307.721 |
| Yxy | 11.6505, 0.2022, 0.1106 |
| Android (android.graphics.Color) | 4285283041 (0xFF6C3AE1) |
| YUV | 91.9880, 65.5749, 14.0425 |
| Hunter-Lab | 34.1328, 51.5946, -101.8007 |

Details

The Hex color **6C3AE1** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **AFE13A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **A96EFF**, and **2500A8** is the 20% darker color. If you saturate the color by 10%, you get **5C23E1**, and if you desaturate by 10%, it is **7C51E1**.

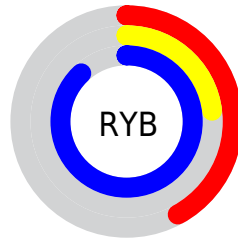
Distribution



Red (42%)

Green (23%)

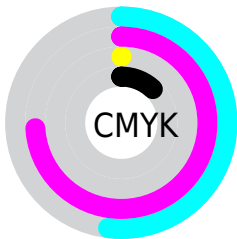
Blue (88%)



Red (42%)

Yellow (23%)

Blue (88%)

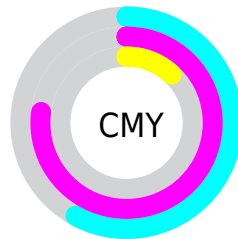


Cyan (52%)

Magenta (74%)

Yellow (0%)

Black (12%)



Cyan (58%)

Magenta (77%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3AE1 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 6C3AE1 by changing the saturation by 10% instead.

6C3AE1

6C3AE1

FFFFFF

4C1FC4

A96EFF

2500A8

C789FF

00008D

E6A4FF

000073

FFC0FF

000059

FFD0FF

000740

FFFAFF

000329

000113

000000

 6C3AE1

 6C3AE1

 5C23E1

 7C51E1

 4C0DE1

 8C67E1

 4300E1

 9B7DE1

 AB94E1

 BBAAE1

 CBC1E1

 DAD7E1

 EAEEE1

 FAFFE1

Harmonies

Analogous

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



0067FF



6C3AE1



C8009E

Triad

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



6C3AE1



A34200



007C73

Complementary

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



6C3AE1



AFE13A

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.



00791A



6C3AE1



636400

Square

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



6C3AE1



D00000



007300



007DC1

Rectangle

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



6C3AE1



DE006A



007300



007B57

Sweetspot

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



6C3AE1



D8C7FF



3AB2E1



685E80



000000



808080

Same Dimension

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



6C3AE1



601CFF



BD3AE1



686570



3500B0



0F0030

Inverse Universe

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



E13AAF



FF1CBB



5EE13A



70656D



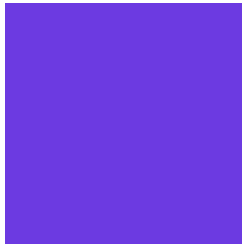
B0007B



300022

Previews

White Background



This preview shows how the Hex color 6C3AE1 looks on a white background.

Color Contrast Check

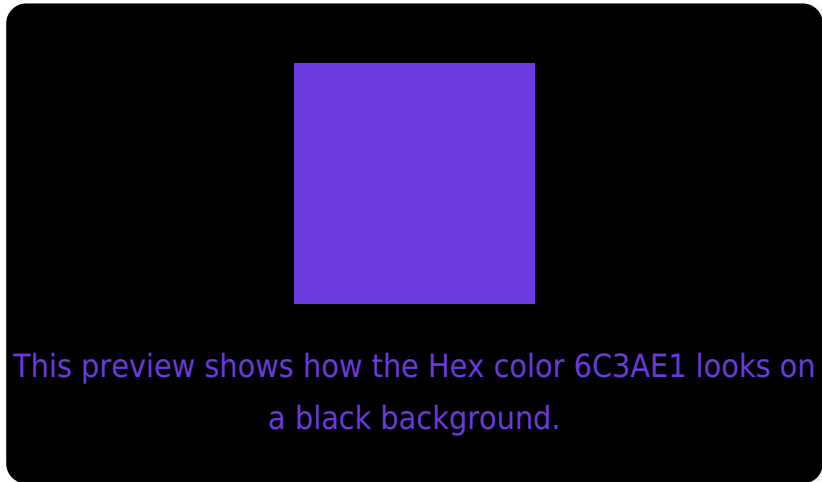
Large Text (above 18pt) WCAG AA ✓ Pass

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

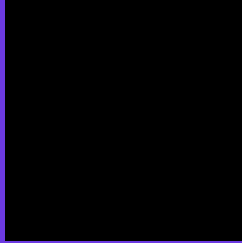
Any Text WCAG AA × Fail

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 6C3AE1 Background



This preview shows how black text looks on a background with the Hex color 6C3AE1.



This preview shows how white text looks on a background with the Hex color 6C3AE1.

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



Trichromacy



Original Color
6C3AE1



Protanomaly
2750CE

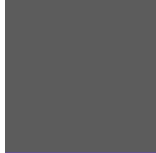


Tritanomaly
555597

Monochromacy



Original Color
6C3AE1



Achromatopsia
5C5C5C



Achromatomaly
62508C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3AE1 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 #6C3AE1 looks like.

```
.text, #text, p{  
    color:#6C3AE1  
}
```

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 #6C3AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3AE1
}
```

Border

The CSS property to change the border of an element to Hex 6C3AE1 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
#6C3AE1 }
```

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

```
.border{ border-color:#6C3AE1 }
```

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

Here you see how a box with a 4 pixel #6C3AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3AE1; -webkit-box-shadow:4px 4px  
4px 4px #6C3AE1; box-shadow:4px 4px 4px  
4px #6C3AE1 }
```

Background

The CSS property to change the background color of an element to Hex 6C3AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3AE1 }
```

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

```
.background{ background-color:#6C3AE1 }
```

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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