

Converting Colors

Hex(C691E6)

Have a look what the booklet for
Hex(C691E6) contains.

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Color

Hex(C691E6)

Conversions

Conversions Part 1

Format	Color
Hex	C691E6
RGB	198, 145, 230
RGB Percent	78%, 57%, 90%
CMY	0.2235, 0.4314, 0.0980
CMYK	0.14, 0.37, 0.00, 0.10
HSL	277°, 63%, 74%
HSV	277°, 37%, 90%
XYZ	47.6970, 37.9697, 79.6779
YIQ	170.5370, 4.3030, 37.6710

Conversions

Conversions Part 2

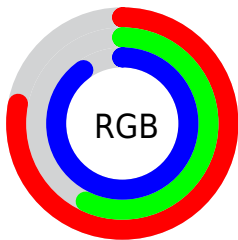
Format	Color
RYB	198, 145, 230
Decimal	13013478
CIELab	68.00, 35.27, -35.40
CIELCh	68, 49.975, 314.893
Yxy	37.9697, 0.2885, 0.2296
Android (android.graphics.Color)	4291203558 (0xFFC691E6)
YUV	170.5370, 29.3153, 24.0851
Hunter-Lab	61.6196, 30.3348, -33.5319

Details

The Hex color **C691E6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B1E691**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC8FF**, and **8F5DAE** is the 20% darker color. If you saturate the color by 10%, you get **BD7AE6**, and if you desaturate by 10%, it is **CFA8E6**.

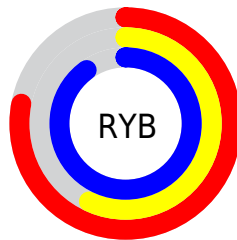
Distribution



Red (78%)

Green (57%)

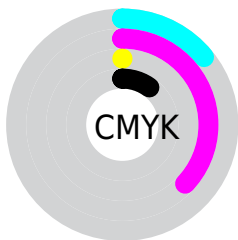
Blue (90%)



Red (78%)

Yellow (57%)

Blue (90%)

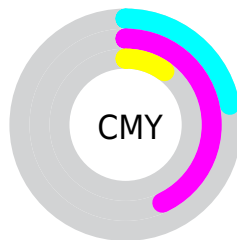


Cyan (14%)

Magenta (37%)

Yellow (0%)

Black (10%)



Cyan (22%)

Magenta (43%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color C691E6 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 C691E6 by changing the saturation by 10% instead.

 C691E6

 C691E6

FFFFFF

 AA77CA

 FFC8FF

 8F5DAE

 FFE4FF

 744593

 5A2D79

 411560

 280048

 140031

 00011B

 000000

 C691E6

 C691E6

 BD7AE6

 CFA8E6

 B563E6

 D7BFE6

 AC4CE6

 E0D6E6

 A335E6

 E9EDE6

 9B1EE6

 F1FFE6

 9207E6

 FAFFE6

 8F00E6

 FFFFE6

Harmonies

Analogous

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



83A3FD



C691E6



EE83BE

Triad

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



C691E6



D49B4D



00BDBB

Complementary

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



C691E6



B1E691

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.



29BB8D



C691E6



ABAA4B

Square

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



C691E6



F08B68



78B563



00BAE4

Rectangle

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



C691E6



F97FA0



78B563



00BDAC

Sweetspot

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



C691E6



F4E3FF



91B2E6



796F80



000000



808080

Same Dimension

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



C691E6



D58FFF



E691DC



6E6773



6F00B3



200033

Inverse Universe

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



E691B1



FF8FB9



91E69B



73676C



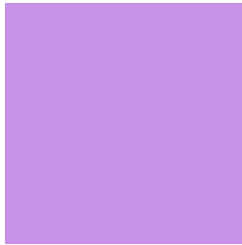
B30043



330013

Previews

White Background



This preview shows how the Hex color C691E6 looks on a white background.

Color Contrast Check

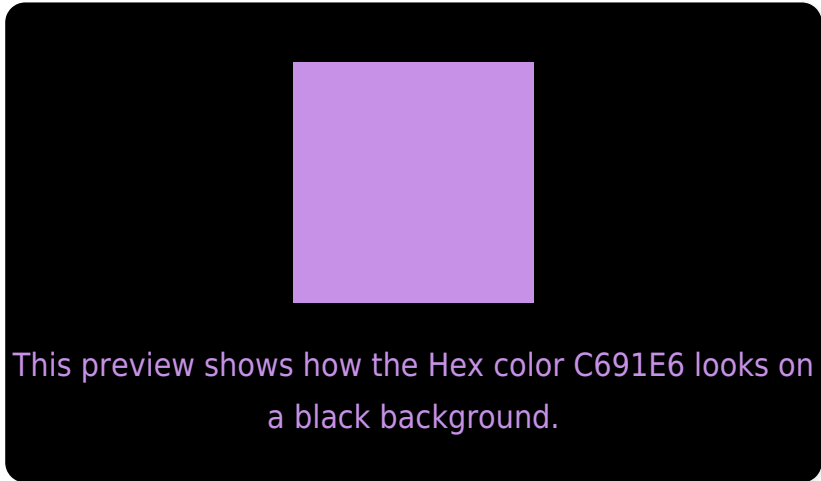
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

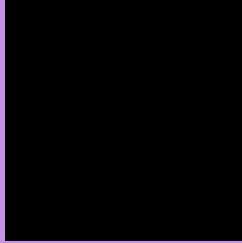
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C691E6 Background



This preview shows how black text looks on a background with the Hex color C691E6.

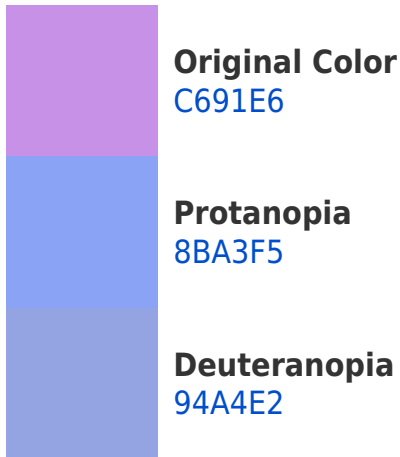


This preview shows how white text looks on a background with the Hex color C691E6.

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
BD9DAA

Trichromacy



Original Color
C691E6



Protanomaly
A09CF0



Deuteranomaly
A69DE3



Tritanomaly
C099C0

Monochromacy



Original Color
C691E6



Achromatopsia
ABABAB



Achromatomaly
B5A2C0

CSS Examples

Text

The CSS property to change the color of the text to Hex C691E6 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 #C691E6 looks like.

```
.text, #text, p{  
    color:#C691E6  
}
```

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 #C691E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C691E6
}
```

Border

The CSS property to change the border of an element to Hex C691E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

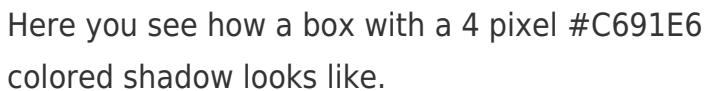
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C691E6 }
```

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

```
.border{ border-color:#C691E6 }
```

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



Here you see how a box with a 4 pixel `#C691E6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C691E6; -webkit-box-shadow:4px 4px  
4px 4px #C691E6; box-shadow:4px 4px 4px  
4px #C691E6 }
```

Background

The CSS property to change the background color of an element to Hex C691E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C691E6 }
```

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

```
.background{ background-color:#C691E6 }
```

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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