

Converting Colors

Hex(CB6ED4)

Have a look what the booklet for
Hex(CB6ED4) contains.

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Color

Hex(CB6ED4)

Conversions

Conversions Part 1

Format	Color
Hex	CB6ED4
RGB	203, 110, 212
RGB Percent	80%, 43%, 83%
CMY	0.2039, 0.5686, 0.1686
CMYK	0.04, 0.48, 0.00, 0.17
HSL	295°, 54%, 63%
HSV	295°, 48%, 83%
XYZ	42.0882, 28.6018, 65.5898
YIQ	149.4350, 22.6860, 51.4380

Conversions

Conversions Part 2

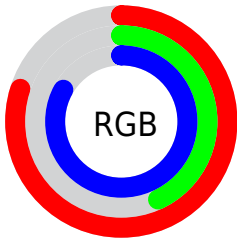
Format	Color
R _Y B	203, 110, 212
Decimal	13332180
CIE Lab	60.43, 51.67, -37.14
CIE LCh	60, 63.632, 324.295
Yxy	28.6018, 0.3088, 0.2099
Android (android.graphics.Color)	4291522260 (0xFFCB6ED4)
YUV	149.4350, 30.8445, 46.9765
Hunter-Lab	53.4807, 46.8846, -35.2779

Details

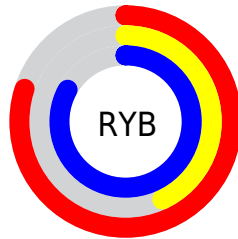
The Hex color **CB6ED4** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77D46E**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFA4FF**, and **93399D** is the 20% darker color. If you saturate the color by 10%, you get **C959D4**, and if you desaturate by 10%, it is **CD83D4**.

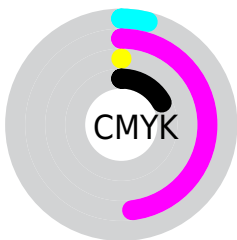
Distribution



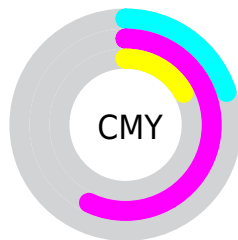
- Red (80%)
- Green (43%)
- Blue (83%)



- Red (80%)
- Yellow (43%)
- Blue (83%)



- Cyan (4%)
- Magenta (48%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (57%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB6ED4 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 CB6ED4 by changing the saturation by 10% instead.

 CB6ED4

 CB6ED4

FFFFFF

 AF53B8

 FFA4FF

 93399D

 FFC0FF

 771C83

 FFDDFF

 5D0069

 FFFAFF

 430050

 2C0039

 020022

 000008

 000000

 CB6ED4

 CB6ED4

 C959D4

 CD83D4

 C744D4

 CF98D4

 C52ED4

 D1AED4

 C419D4

 D2C3D4

 C204D4

 D4D8D4

 C100D4

 D6EDD4

 D8FFD4

 DAFFD4

 DCFFD4

Harmonies

Analogous

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



7D87F9



CB6ED4



F05B9F

Triad

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



CB6ED4



B78B0C



00ACBE

Complementary

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



CB6ED4



77D46E

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.



00AB85



CB6ED4



819C1B

Square

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



CB6ED4



DF7536



31A64C



00A7EC

Rectangle

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



CB6ED4



F75B79



31A64C



00ACAC

Sweetspot

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



CB6ED4



FCDBFF



6E78D4



7E6A80



000000



808080

Same Dimension

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



CB6ED4



F26BFF



D46EAB



6A606B



9C00AB



28002B

Inverse Universe

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



D46E77



FF6B78



6ED497



6B6061



AB000F



2B0004

Previews

White Background



This preview shows how the Hex color CB6ED4 looks on a white background.

Color Contrast Check

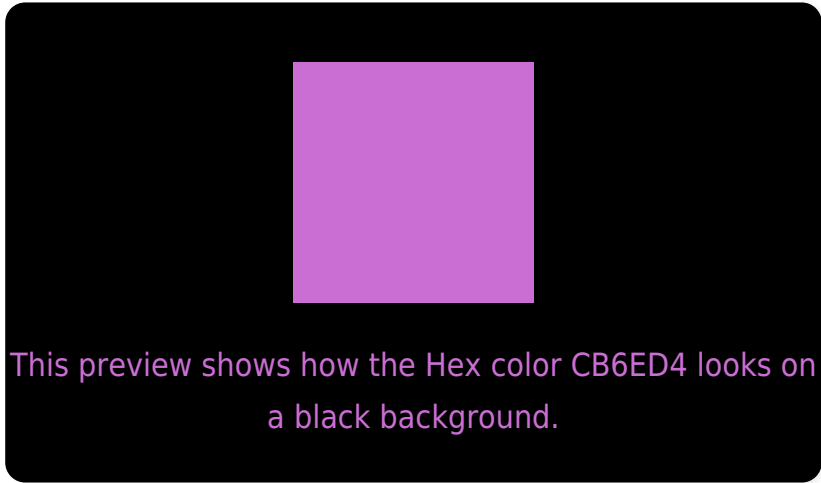
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

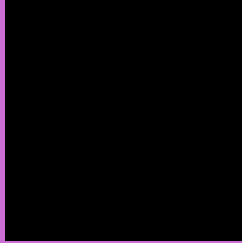
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex CB6ED4 Background



This preview shows how black text looks on a background with the Hex color CB6ED4.



This preview shows how white text looks on a background with the Hex color CB6ED4.

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](#).

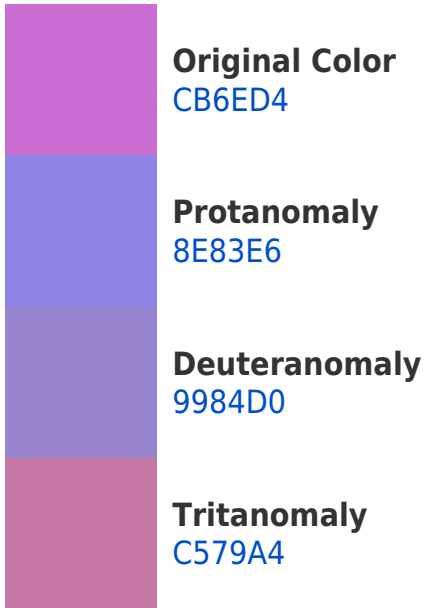
Dichromacy





Tritanopia
C18089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB6ED4 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 #CB6ED4 looks like.

```
.text, #text, p{  
    color:#CB6ED4  
}
```

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 #CB6ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6ED4
}
```

Border

The CSS property to change the border of an element to Hex CB6ED4 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
#CB6ED4 }
```

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

```
.border{ border-color:#CB6ED4 }
```

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

Here you see how a box with a 4 pixel #CB6ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6ED4; -webkit-box-shadow:4px 4px  
4px 4px #CB6ED4; box-shadow:4px 4px 4px  
4px #CB6ED4 }
```

Background

The CSS property to change the background color of an element to Hex CB6ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6ED4 }
```

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

```
.background{ background-color:#CB6ED4 }
```

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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