

Converting Colors

Hex(CB5ED4)

Have a look what the booklet for
Hex(CB5ED4) contains.

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Color

Hex(CB5ED4)

Conversions

Conversions Part 1

Format	Color
Hex	CB5ED4
RGB	203, 94, 212
RGB Percent	80%, 37%, 83%
CMY	0.2039, 0.6314, 0.1686
CMYK	0.04, 0.56, 0.00, 0.17
HSL	295°, 58%, 60%
HSV	295°, 56%, 83%
XYZ	40.5150, 25.4554, 65.0654
YIQ	140.0430, 27.0860, 59.8060

Conversions

Conversions Part 2

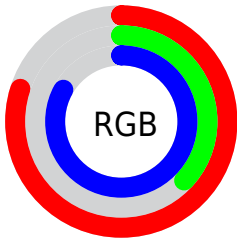
Format	Color
R_{YB}	203, 94, 212
Decimal	13328084
CIE _{Lab}	57.52, 59.41, -41.71
CIE _{LCh}	58, 72.591, 324.933
Yxy	25.4554, 0.3092, 0.1943
Android (android.graphics.Color)	4291518164 (0xFFCB5ED4)
YUV	140.0430, 35.4748, 55.2133
Hunter-Lab	50.4533, 55.0455, -41.1439

Details

The Hex color **CB5ED4** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **67D45E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF95FF**, and **92249D** is the 20% darker color. If you saturate the color by 10%, you get **C949D4**, and if you desaturate by 10%, it is **CD73D4**.

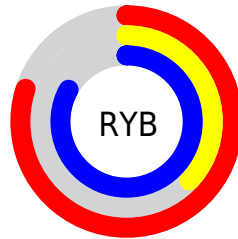
Distribution



Red (80%)

Green (37%)

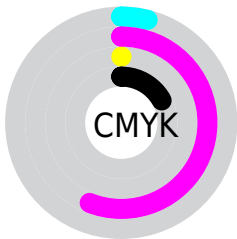
Blue (83%)



Red (80%)

Yellow (37%)

Blue (83%)

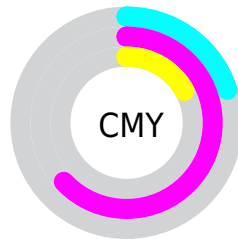


Cyan (4%)

Magenta (56%)

Yellow (0%)

Black (17%)



Cyan (20%)

Magenta (63%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5ED4 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 CB5ED4 by changing the saturation by 10% instead.

 CB5ED4

 CB5ED4

FFFFFF

 AE42B8

 FF95FF

 92249D

 FFB1FF

 760082

 FFCEFF

 5B0069

 FFE8FF

 400050

 280038

 000022

 000007

 000000

 CB5ED4

 CB5ED4

 C949D4

 CD73D4

 C834D4

 CE88D4

 C61ED4

 D09ED4

 C509D4

 D1B3D4

 C400D4

 D3C8D4

 D5DDD4

 D6F2D4

 D8FFD4

 DAFFD4

Harmonies

Analogous

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



6F7EFE



CB5ED4



F44398

Triad

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



CB5ED4



AF8400



00A6BE

Complementary

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



CB5ED4



67D45E

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.



00A67D



CB5ED4



739600

Square

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



CB5ED4



DD681C



00A13B



00A2F2

Rectangle

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



CB5ED4



F9446D



00A13B



00A7A9

Sweetspot

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



CB5ED4



FCD4FF



5E68D4



7E6680



000000



808080

Same Dimension

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



CB5ED4



F254FF



D45EA3



6A606B



9E00AB



28002B

Inverse Universe

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



D45E67



FF5461



5ED48F



6B6061



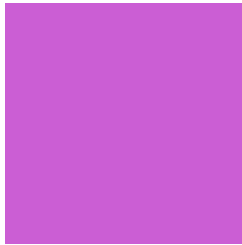
AB000D



2B0003

Previews

White Background



This preview shows how the Hex color CB5ED4 looks on a white background.

Color Contrast Check

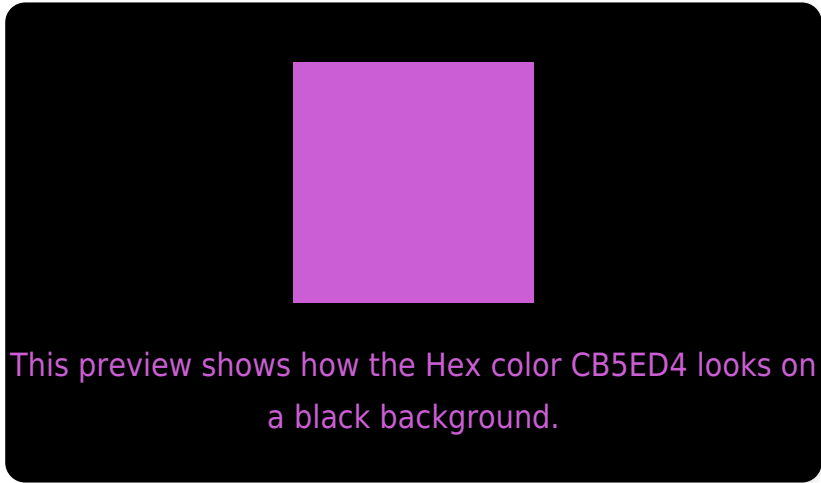
Large Text (above 18pt) WCAG AA ✓ Pass

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

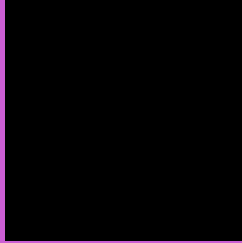
Any Text WCAG AA ✓ Pass

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 CB5ED4 Background



This preview shows how black text looks on a background with the Hex color CB5ED4.

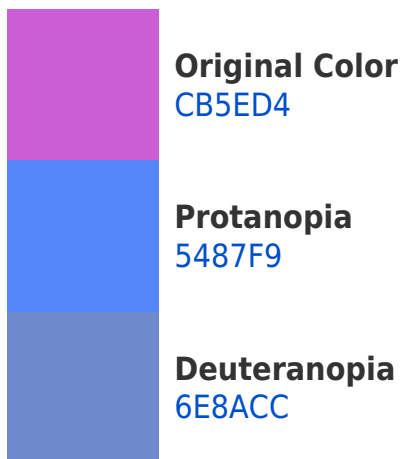


This preview shows how white text looks on a background with the Hex color CB5ED4.

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
C0757D

Trichromacy



Original Color
CB5ED4



Protanomaly
7F78EC



Deuteranomaly
907ACF



Tritanomaly
C46D9D

Monochromacy



Original Color
CB5ED4



Achromatopsia
8C8C8C



Achromatomaly
A37BA6

CSS Examples

Text

The CSS property to change the color of the text to Hex CB5ED4 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 #CB5ED4 looks like.

```
.text, #text, p{  
    color:#CB5ED4  
}
```

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 #CB5ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5ED4
}
```

Border

The CSS property to change the border of an element to Hex CB5ED4 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
#CB5ED4 }
```

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

```
.border{ border-color:#CB5ED4 }
```

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

Here you see how a box with a 4 pixel #CB5ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5ED4; -webkit-box-shadow:4px 4px  
4px 4px #CB5ED4; box-shadow:4px 4px 4px  
4px #CB5ED4 }
```

Background

The CSS property to change the background color of an element to Hex CB5ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5ED4 }
```

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

```
.background{ background-color:#CB5ED4 }
```

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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