

Converting Colors

Hex(CB95E4)

Have a look what the booklet for
Hex(CB95E4) contains.

Hex(CB95E4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CB95E4)

Conversions

Conversions Part 1

Format	Color
Hex	CB95E4
RGB	203, 149, 228
RGB Percent	80%, 58%, 89%
CMY	0.2039, 0.4157, 0.1059
CMYK	0.11, 0.35, 0.00, 0.11
HSL	281°, 59%, 74%
HSV	281°, 35%, 89%
XYZ	49.3796, 39.7928, 78.4770
YIQ	174.1520, 6.8250, 36.0170

Conversions

Conversions Part 2

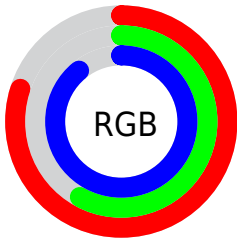
Format	Color
R _Y B	203, 149, 228
Decimal	13342180
CIE Lab	69.32, 34.18, -32.21
CIE LCh	69, 46.970, 316.702
Yxy	39.7928, 0.2945, 0.2374
Android (android.graphics.Color)	4291532260 (0xFFCB95E4)
YUV	174.1520, 26.5471, 25.2997
Hunter-Lab	63.0816, 29.3353, -29.6030

Details

The Hex color **CB95E4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AEE495**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCCFF**, and **9461AC** is the 20% darker color. If you saturate the color by 10%, you get **C47EE4**, and if you desaturate by 10%, it is **D2ACE4**.

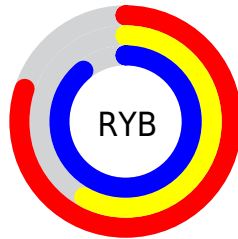
Distribution



Red (80%)

Green (58%)

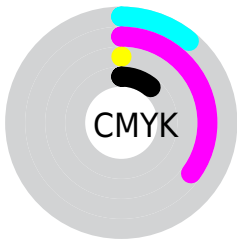
Blue (89%)



Red (80%)

Yellow (58%)

Blue (89%)

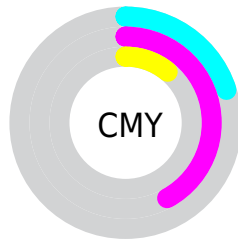


Cyan (11%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (20%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB95E4 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 CB95E4 by changing the saturation by 10% instead.

 CB95E4

 CB95E4

FFFFFF

 AF7BC8

 FFCCFF

 9461AC

 FFE8FF

 794992

 5F3178

 46195E

 2E0146

 1B0030

 00011A

 000000

 CB95E4

 CB95E4

 C47EE4

 D2ACE4

 BD67E4

 D9C3E4

 B551E4

 E1D9E4

 AE3AE4

 E8F0E4

 A723E4

 EFFFFE4

 A00CE4

 F6FFE4

 9C00E4

 FEFFE4

 FFFFE4

Harmonies

Analogous

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



8FA5FB



CB95E4



EF88BE

Triad

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



CB95E4



D3A055



00BFC0

Complementary

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



CB95E4



AEE495

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.



38BE94



CB95E4



ACAE55

Square

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



CB95E4



F0916D



7CB86D



00BCE6

Rectangle

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



CB95E4



F986A1



7CB86D



00BFB2

Sweetspot

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



CB95E4



F7E6FF



95AEE4



7B7080



000000



808080

Same Dimension

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



CB95E4



DD94FF



E495D6



6F6773



7A00B3



230033

Inverse Universe

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



E495AE



FF94B6



95E4A3



73676B



B30038



330010

Previews

White Background



This preview shows how the Hex color CB95E4 looks on a white background.

Color Contrast Check

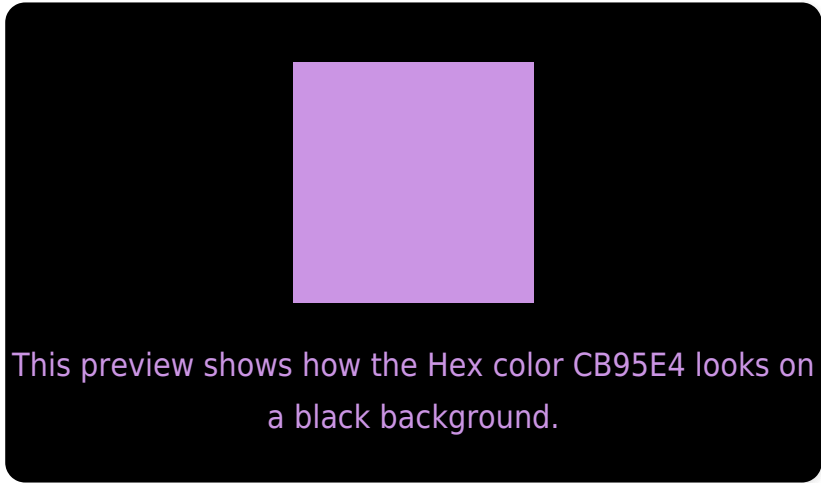
Large Text (above 18pt) WCAG AA × Fail

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

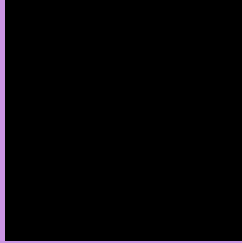
Any Text WCAG AA ✓ Pass

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 CB95E4 Background



This preview shows how black text looks on a background with the Hex color CB95E4.

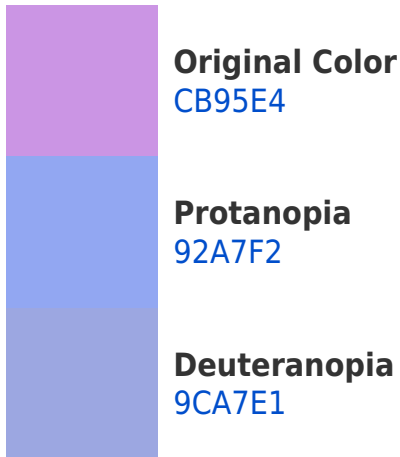


This preview shows how white text looks on a background with the Hex color CB95E4.

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
C3A0AD

Trichromacy



Original Color
CB95E4



Protanomaly
A7A0ED



Deuteranomaly
ADA0E2



Tritanomaly
C69CC1

Monochromacy



Original Color
CB95E4



Achromatopsia
AEAEAE



Achromatomaly
B9A5C2

CSS Examples

Text

The CSS property to change the color of the text to Hex CB95E4 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 #CB95E4 looks like.

```
.text, #text, p{  
    color:#CB95E4  
}
```

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 #CB95E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB95E4
}
```

Border

The CSS property to change the border of an element to Hex CB95E4 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
#CB95E4 }
```

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

```
.border{ border-color:#CB95E4 }
```

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

Here you see how a box with a 4 pixel #CB95E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB95E4; -webkit-box-shadow:4px 4px  
4px 4px #CB95E4; box-shadow:4px 4px 4px  
4px #CB95E4 }
```

Background

The CSS property to change the background color of an element to Hex CB95E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB95E4 }
```

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

```
.background{ background-color:#CB95E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor