

Converting Colors

Hex(CD95E4)

Have a look what the booklet for
Hex(CD95E4) contains.

Hex(CD95E4)	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(CD95E4)

Conversions

Conversions Part 1

Format	Color
Hex	CD95E4
RGB	205, 149, 228
RGB Percent	80%, 58%, 89%
CMY	0.1961, 0.4157, 0.1059
CMYK	0.10, 0.35, 0.00, 0.11
HSL	283°, 59%, 74%
HSV	283°, 35%, 89%
XYZ	49.9279, 40.0755, 78.5026
YIQ	174.7500, 8.0170, 36.4410

Conversions

Conversions Part 2

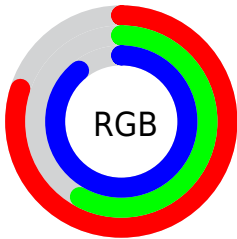
Format	Color
R _{YB}	205, 149, 228
Decimal	13473252
CIE _{Lab}	69.52, 34.80, -31.88
CIE _{LCh}	70, 47.196, 317.503
Yxy	40.0755, 0.2963, 0.2378
Android (android.graphics.Color)	4291663332 (0xFFCD95E4)
YUV	174.7500, 26.2523, 26.5293
Hunter-Lab	63.3052, 29.9963, -29.2099

Details

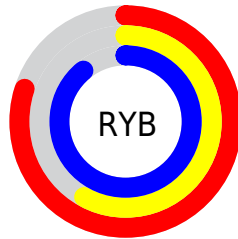
The Hex color **CD95E4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ACE495**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCCFF**, and **9661AC** is the 20% darker color. If you saturate the color by 10%, you get **C67EE4**, and if you desaturate by 10%, it is **D4ACE4**.

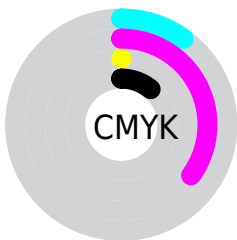
Distribution



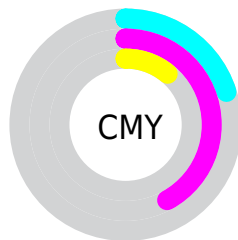
- Red (80%)
- Green (58%)
- Blue (89%)



- Red (80%)
- Yellow (58%)
- Blue (89%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD95E4 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 CD95E4 by changing the saturation by 10% instead.

 CD95E4

 CD95E4

FFFFFF

 B17BC8

 FFCCFF

 9661AC

 FFE8FF

 7B4892

 613178

 48195E

 2F0046

 1D0030

 00011A

 000000

 CD95E4

 CD95E4

 C67EE4

 D4ACE4

 C067E4

 DAC3E4

 B951E4

 E1D9E4

 B23AE4

 E8F0E4

 AC23E4

 EEFFE4

 A50CE4

 F5FFE4

 A200E4

 FBFFE4

 FFFFE4

Harmonies

Analogous

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



91A5FB



CD95E4



F089BE

Triad

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



CD95E4



D3A155



00C0C2

Complementary

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



CD95E4



ACE495

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.



35BF96



CD95E4



ABAF55

Square

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



CD95E4



F0926C



7AB96E



00BCE8

Rectangle

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



CD95E4



FA86A1



7AB96E



00C0B4

Sweetspot

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



CD95E4



F8E6FF



95ADE4



7B7080



000000



808080

Same Dimension

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



CD95E4



E094FF



E495D4



6F6773



7F00B3



240033

Inverse Universe

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



E495AC



FF94B3



95E4A5



73676B



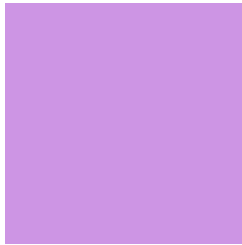
B30034



33000F

Previews

White Background



This preview shows how the Hex color CD95E4 looks on a white background.

Color Contrast Check

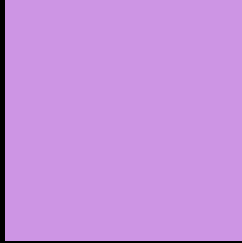
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CD95E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

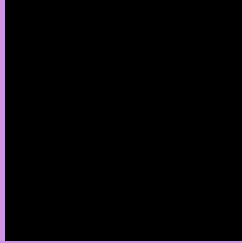
Any Text WCAG AA ✓ Pass

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 CD95E4 Background



This preview shows how black text looks on a background with the Hex color CD95E4.

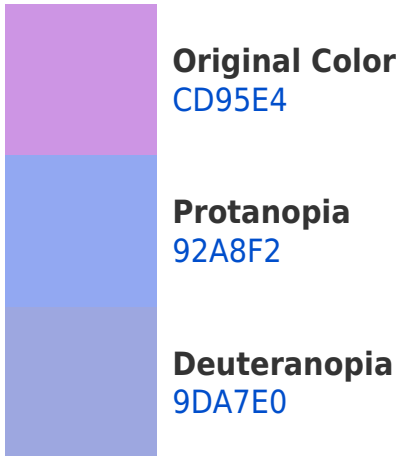


This preview shows how white text looks on a background with the Hex color CD95E4.

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
C5A0AD

Trichromacy



Original Color
CD95E4



Protanomaly
A7A1ED



Deuteranomaly
AEA0E1



Tritanomaly
C89CC1

Monochromacy



Original Color
CD95E4



Achromatopsia
AFAFAF



Achromatomaly
BAA6C2

CSS Examples

Text

The CSS property to change the color of the text to Hex CD95E4 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 #CD95E4 looks like.

```
.text, #text, p{  
    color:#CD95E4  
}
```

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 #CD95E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD95E4
}
```

Border

The CSS property to change the border of an element to Hex CD95E4 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
#CD95E4 }
```

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

```
.border{ border-color:#CD95E4 }
```

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

Here you see how a box with a 4 pixel #CD95E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD95E4; -webkit-box-shadow:4px 4px  
4px 4px #CD95E4; box-shadow:4px 4px 4px  
4px #CD95E4 }
```

Background

The CSS property to change the background color of an element to Hex CD95E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD95E4 }
```

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

```
.background{ background-color:#CD95E4 }
```

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