

Converting Colors

Hex(CD86D4)

Have a look what the booklet for
Hex(CD86D4) contains.

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Color

Hex(CD86D4)

Conversions

Conversions Part 1

Format	Color
Hex	CD86D4
RGB	205, 134, 212
RGB Percent	80%, 53%, 83%
CMY	0.1961, 0.4745, 0.1686
CMYK	0.03, 0.37, 0.00, 0.17
HSL	295°, 48%, 68%
HSV	295°, 37%, 83%
XYZ	45.5856, 34.7828, 66.5985
YIQ	164.1210, 17.2780, 39.3100

Conversions

Conversions Part 2

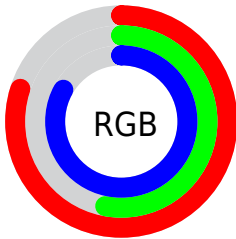
Format	Color
R _Y B	205, 134, 212
Decimal	13469396
CIE Lab	65.58, 39.75, -29.12
CIE LCh	66, 49.271, 323.774
Yxy	34.7828, 0.3102, 0.2367
Android (android.graphics.Color)	4291659476 (0xFFCD86D4)
YUV	164.1210, 23.6043, 35.8509
Hunter-Lab	58.9769, 34.7600, -25.6681

Details

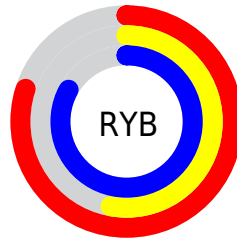
The Hex color **CD86D4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **8DD486**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBCFF**, and **95529D** is the 20% darker color. If you saturate the color by 10%, you get **CB71D4**, and if you desaturate by 10%, it is **CF9BD4**.

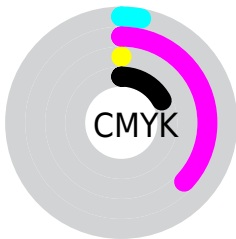
Distribution



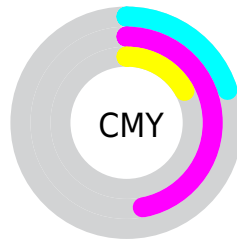
- Red (80%)
- Green (53%)
- Blue (83%)



- Red (80%)
- Yellow (53%)
- Blue (83%)



- Cyan (3%)
- Magenta (37%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD86D4 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 CD86D4 by changing the saturation by 10% instead.

 CD86D4

 CD86D4

FFFFFF

 B16CB8

 FFBCFF

 95529D

 FFD9FF

 7B3983

 FFF5FF

 612169

 470451

 2F003A

 170024

 00000A

 000000

 CD86D4

 CD86D4

 CB71D4

 CF9BD4

 C95CD4

 D1B0D4

 C746D4

 D3C6D4

 C531D4

 D5DBD4

 C31CD4

 D7F0D4

 C207D4

 D8FFD4

 C100D4

 DAFFD4

 DCFFD4

 DEFFD4

Harmonies

Analogous

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



9397F0



CD86D4



EC7BAA

Triad

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



CD86D4



C19A45



00B5C1

Complementary

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



CD86D4



8DD486

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.



00B594



CD86D4



96A74B

Square

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



CD86D4



E18959



61B069



00B1E6

Rectangle

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



CD86D4



F27A8D



61B069



00B6B3

Sweetspot

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



CD86D4



FCE3FF



868ED4



7E6F80



000000



808080

Same Dimension

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



CD86D4



F58FFF



D486B5



6A606B



9C00AB



27002B

Inverse Universe

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



D4868D



FF8F99



86D4A5



6B6061



AB000F



2B0004

Previews

White Background



This preview shows how the Hex color CD86D4 looks on a white background.

Color Contrast Check

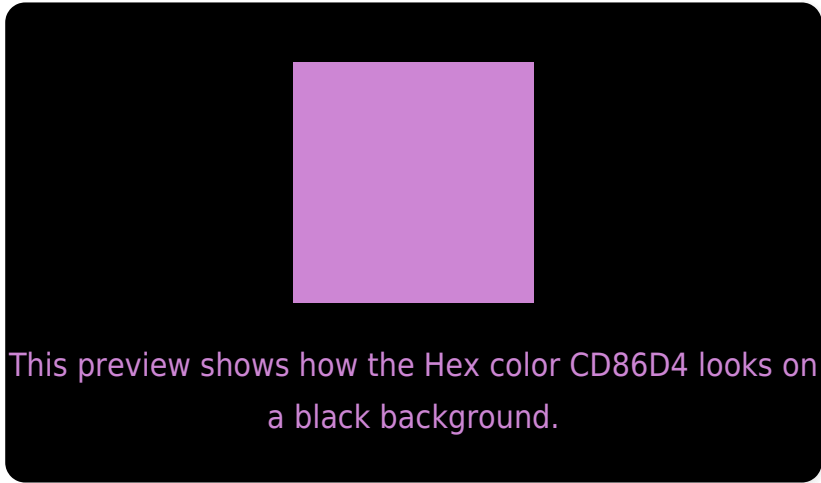
Large Text (above 18pt) WCAG AA × Fail

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

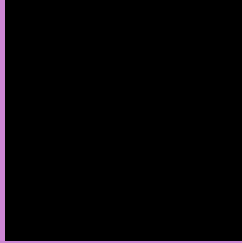
Any Text WCAG AA ✓ Pass

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 CD86D4 Background



This preview shows how black text looks on a background with the Hex color CD86D4.

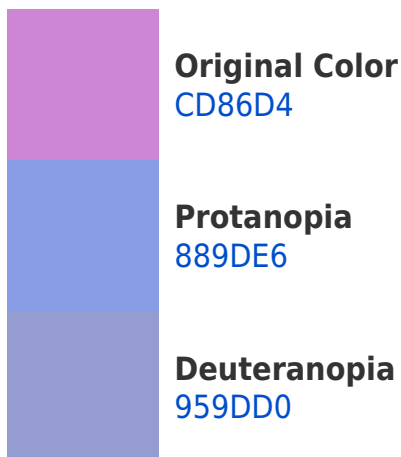



This preview shows how white text looks on a background with the Hex color CD86D4.

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
C5919D

Trichromacy



Original Color
CD86D4



Protanomaly
A195DF



Deuteranomaly
A995D1

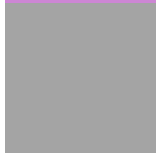


Tritanomaly
C88DB1

Monochromacy



Original Color
CD86D4



Achromatopsia
A4A4A4



Achromatomaly
B399B5

CSS Examples

Text

The CSS property to change the color of the text to Hex CD86D4 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 #CD86D4 looks like.

```
.text, #text, p{  
    color:#CD86D4  
}
```

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 #CD86D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD86D4
}
```

Border

The CSS property to change the border of an element to Hex CD86D4 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
#CD86D4 }
```

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

```
.border{ border-color:#CD86D4 }
```

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

Here you see how a box with a 4 pixel #CD86D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD86D4; -webkit-box-shadow:4px 4px  
4px 4px #CD86D4; box-shadow:4px 4px 4px  
4px #CD86D4 }
```

Background

The CSS property to change the background color of an element to Hex CD86D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD86D4 }
```

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

```
.background{ background-color:#CD86D4 }
```

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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