

Converting Colors

Hex(CE36CB)

Have a look what the booklet for
Hex(CE36CB) contains.

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Color

Hex(CE36CB)

Conversions

Conversions Part 1

Format	Color
Hex	CE36CB
RGB	206, 54, 203
RGB Percent	81%, 21%, 80%
CMY	0.1922, 0.7882, 0.2039
CMYK	0.00, 0.74, 0.01, 0.19
HSL	301°, 61%, 51%
HSV	301°, 74%, 81%
XYZ	37.5523, 20.0719, 58.3950
YIQ	116.4340, 42.7630, 78.5630

Conversions

Conversions Part 2

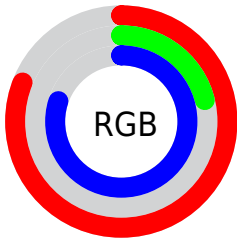
Format	Color
R _Y B	206, 54, 203
Decimal	13514443
CIE Lab	51.92, 74.14, -45.39
CIE LCh	52, 86.931, 328.522
Yxy	20.0719, 0.3237, 0.1730
Android (android.graphics.Color)	4291704523 (0xFFCE36CB)
YUV	116.4340, 42.6770, 78.5494
Hunter-Lab	44.8017, 71.2135, -45.9179

Details

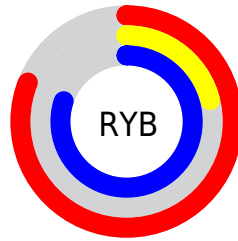
The Hex color **CE36CB** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **36CE39**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF74FF**, and **940094** is the 20% darker color. If you saturate the color by 10%, you get **CE21CB**, and if you desaturate by 10%, it is **CE4BCB**.

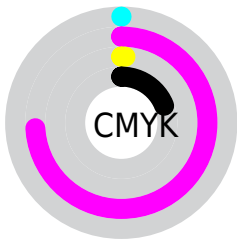
Distribution



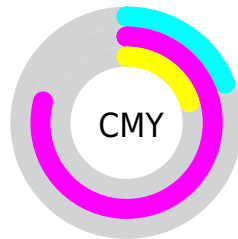
- Red (81%)
- Green (21%)
- Blue (80%)



- Red (81%)
- Yellow (21%)
- Blue (80%)



- Cyan (0%)
- Magenta (74%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (79%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE36CB 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 CE36CB by changing the saturation by 10% instead.

 CE36CB

 CE36CB

FFFFFF

 B102AF

 FF74FF

 940094

 FF91FF

 77007A

 FFAEFF

 5B0060

 FFCCFF

 410048

 FFE9FF

 240031

 00011A

 000000

 CE36CB

 CE36CB

 CE21CB

 CE4BCB

 CE0DCA

 CE5FCC

 CE00CA

 CE74CC

 CE88CD

 CE9DCD

 CEB2CD

 CEC6CE

 CEDBCE

 CEEFCF

Harmonies

Analogous

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



6169FF



CE36CB



F60083

Triad

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



CE36CB



9A7800



009AC2

Complementary

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



CE36CB



36CE39

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.



009976



CE36CB



4F8B00

Square

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



CE36CB



D15600



009523



0096FC

Rectangle

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



CE36CB



F90052



009523



009AA9

Sweetspot

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



CE36CB



FFC7FE



3936CE



805E7F



000000



808080

Same Dimension

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



CE36CB



FF1CFB



CE367F



665C66



A600A2



260025

Inverse Universe

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



CE36CB



FF1CFB



36CE85



665C66



A600A2



260025

Previews

White Background



This preview shows how the Hex color CE36CB looks on a white background.

Color Contrast Check

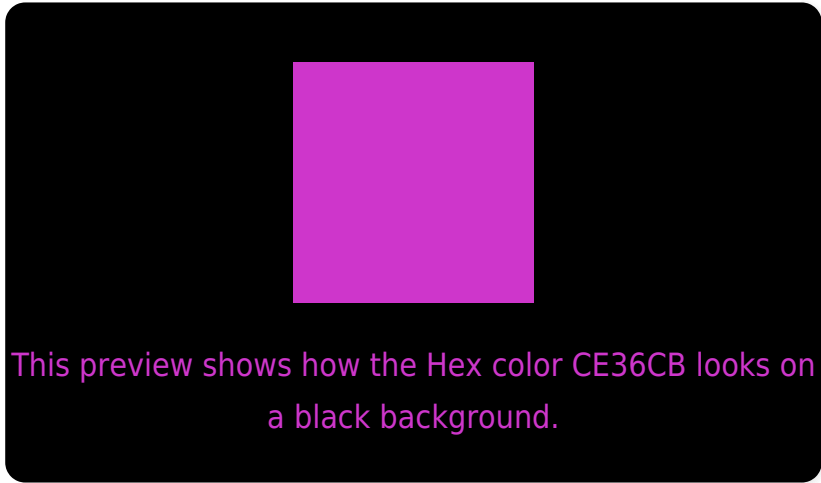
Large Text (above 18pt) WCAG AA ✓ Pass

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

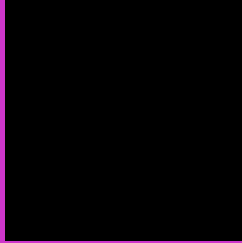
Any Text WCAG AA ✓ Pass

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 CE36CB Background



This preview shows how black text looks on a background with the Hex color CE36CB.



This preview shows how white text looks on a background with the Hex color CE36CB.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE36CB 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 #CE36CB looks like.

```
.text, #text, p{  
    color:#CE36CB  
}
```

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 #CE36CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE36CB
}
```

Border

The CSS property to change the border of an element to Hex CE36CB 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
#CE36CB }
```

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

```
.border{ border-color:#CE36CB }
```

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

Here you see how a box with a 4 pixel #CE36CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE36CB; -webkit-box-shadow:4px 4px  
4px 4px #CE36CB; box-shadow:4px 4px 4px  
4px #CE36CB }
```

Background

The CSS property to change the background color of an element to Hex CE36CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE36CB }
```

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

```
.background{ background-color:#CE36CB }
```

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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