

Converting Colors

Hex(CE37CE)

Have a look what the booklet for
Hex(CE37CE) contains.

Hex(CE37CE)	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(CE37CE)

Conversions

Conversions Part 1

Format	Color
Hex	CE37CE
RGB	206, 55, 206
RGB Percent	81%, 22%, 81%
CMY	0.1922, 0.7843, 0.1922
CMYK	0.00, 0.73, 0.00, 0.19
HSL	300°, 61%, 51%
HSV	300°, 73%, 81%
XYZ	37.9604, 20.3104, 60.3121
YIQ	117.3630, 41.5250, 78.9730

Conversions

Conversions Part 2

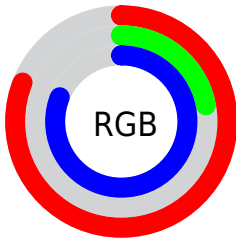
Format	Color
R _Y B	206, 55, 206
Decimal	13514702
CIE Lab	52.19, 74.31, -46.69
CIE LCh	52, 87.758, 327.858
Yxy	20.3104, 0.3201, 0.1713
Android (android.graphics.Color)	4291704782 (0xFFCE37CE)
YUV	117.3630, 43.6980, 77.7346
Hunter-Lab	45.0671, 71.4846, -47.7993

Details

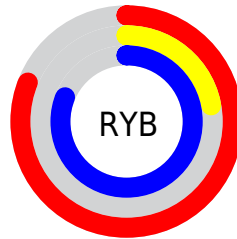
The Hex color **CE37CE** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **37CE37**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF75FF**, and **940097** is the 20% darker color. If you saturate the color by 10%, you get **CE22CE**, and if you desaturate by 10%, it is **CE4CCE**.

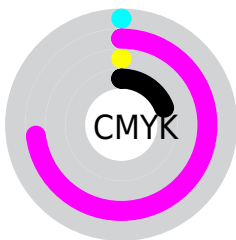
Distribution



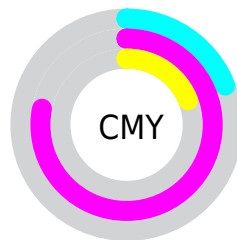
- Red (81%)
- Green (22%)
- Blue (81%)



- Red (81%)
- Yellow (22%)
- Blue (81%)



- Cyan (0%)
- Magenta (73%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (78%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE37CE 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 CE37CE by changing the saturation by 10% instead.

 CE37CE

 CE37CE

FFFFFF

 B105B2

 FF75FF

 940097

 FF92FF

 77007D

 FFAFFF

 5B0063

 FFCDFD

 40004A

 FFEAFF

 230033

 00021C

 000000

 CE37CE

 CE37CE

 CE22CE

 CE4CCE

 CE0ECE

 CE60CE

 CE00CE

 CE75CE

 CE89CE

 CE9ECE

 CEB3CE

 CEC7CE

 CEDCCE

 CEF0CE

Harmonies

Analogous

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



5D6BFF



CE37CE



F80085

Triad

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



CE37CE



9C7800



009BC2

Complementary

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



CE37CE



37CE37

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.



009A75



CE37CE



518C00

Square

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



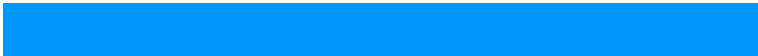
CE37CE



D45500



009620



0097FD

Rectangle

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



CE37CE



FB0054



009620



009BA9

Sweetspot

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



CE37CE



FFC7FF



3737CE



805E80



000000



808080

Same Dimension

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



CE37CE



FF1FFF



CE3783



665C66



A600A6



260026

Inverse Universe

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



CE37CE



FF1FFF



37CE83



665C66



A600A6



260026

Previews

White Background



This preview shows how the Hex color CE37CE looks on a white background.

Color Contrast Check

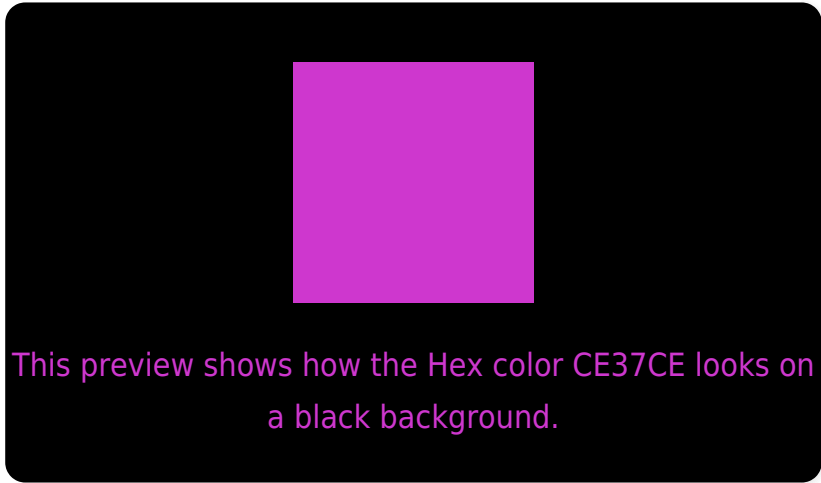
Large Text (above 18pt) WCAG AA ✓ Pass

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

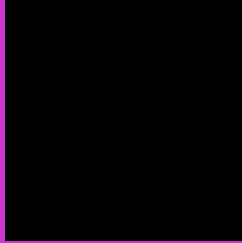
Any Text WCAG AA ✓ Pass

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 CE37CE Background



This preview shows how black text looks on a background with the Hex color CE37CE.

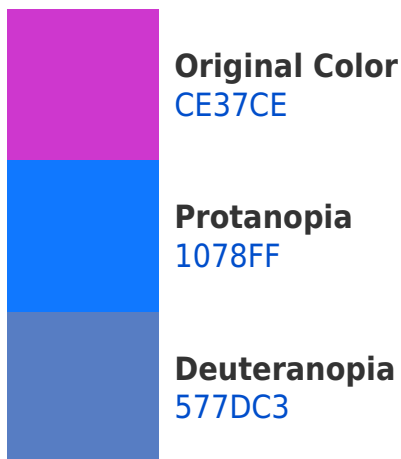



This preview shows how white text looks on a background with the Hex color CE37CE.

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](#).

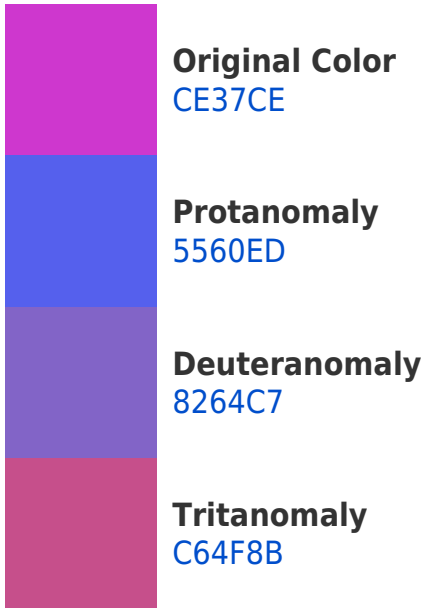
Dichromacy





Tritanopia
C25D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE37CE 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 #CE37CE looks like.

```
.text, #text, p{  
    color:#CE37CE  
}
```

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 #CE37CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE37CE }
}
```

Border

The CSS property to change the border of an element to Hex CE37CE 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 #CE37CE }
}
```

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

```
.border{ border-color:#CE37CE }
```

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

Here you see how a box with a 4 pixel #CE37CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE37CE; -webkit-box-shadow:4px 4px  
4px 4px #CE37CE; box-shadow:4px 4px 4px  
4px #CE37CE }
```

Background

The CSS property to change the background color of an element to Hex CE37CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE37CE }
```

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

```
.background{ background-color:#CE37CE }
```

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