

# Converting Colors

Hex(CE27CE)

Have a look what the booklet for  
Hex(CE27CE) contains.

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# Color

Hex(CE27CE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE27CE
RGB	206, 39, 206
RGB Percent	81%, 15%, 81%
CMY	0.1922, 0.8471, 0.1922
CMYK	0.00, 0.81, 0.00, 0.19
HSL	300°, 68%, 48%
HSV	300°, 81%, 81%
XYZ	37.3197, 19.0291, 60.0985
YIQ	107.9710, 45.9250, 87.3410

# Conversions

## Conversions Part 2

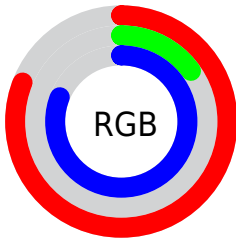
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 39, 206
Decimal	13510606
CIE Lab	50.72, 78.54, -49.02
CIE LCh	51, 92.583, 328.029
Yxy	19.0291, 0.3205, 0.1634
Android (android.graphics.Color)	4291700686 (0xFFCE27CE)
YUV	107.9710, 48.3283, 85.9714
Hunter-Lab	43.6223, 76.3709, -51.1483

# Details

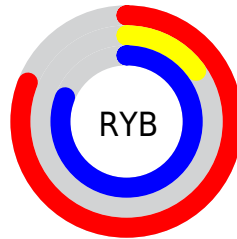
The Hex color **CE27CE** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **27CE27**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6BFF**, and **930097** is the 20% darker color. If you saturate the color by 10%, you get **CE12CE**, and if you desaturate by 10%, it is **CE3CCE**.

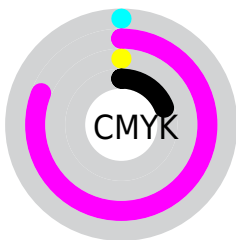
# Distribution



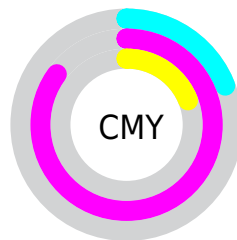
- Red (81%)
- Green (15%)
- Blue (81%)



- Red (81%)
- Yellow (15%)
- Blue (81%)



- Cyan (0%)
- Magenta (81%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (85%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE27CE 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 CE27CE by changing the saturation by 10% instead.



 CE27CE

 CE27CE

FFFFFF

 B000B2

 FF6BFF

 930097

 FF88FF

 76007C

 FFA6FF

 5A0063

 FFC4FF

 40004A

 FFE2FF

 210033

 00021C

 000000

 CE27CE

 CE27CE

 CE12CE

 CE3CCE

 CE00CE

 CE50CE

 CE65CE

 CE79CE

 CE8ECE

 CEA3CE

 CEB7CE

 CECCCE

 CEE0CE

# Harmonies

## Analogous

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



5266FF



CE27CE



F90082

# Triad

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



CE27CE



987400



0098C2

# Complementary

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



CE27CE



27CE27

# 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.



009771



CE27CE



478900

# Square

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



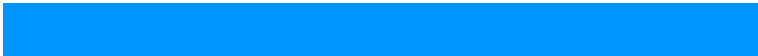
CE27CE



D24E00



009313



0094FF

# Rectangle

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



CE27CE



FC004E



009313



0098A8



# Sweetspot

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



CE27CE



FFC2FF



2727CE



805B80



000000



808080



# Same Dimension

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



CE27CE



FF08FF



CE277B



665C66



A600A6



260026



# Inverse Universe

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



CE27CE



FF08FF



27CE7B



665C66



A600A6



260026



# Previews

## White Background



This preview shows how the Hex color CE27CE 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

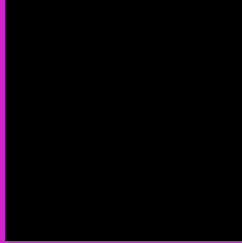
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CE27CE Background



This preview shows how black text looks on a background with the Hex color CE27CE.

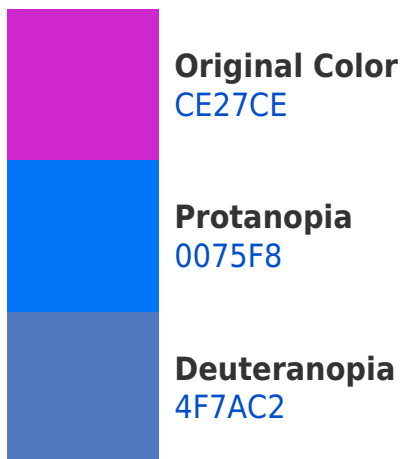


This preview shows how white text looks on a background with the Hex color CE27CE.

# 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



**Original Color**  
CE27CE



**Protanomaly**  
4B59E9



**Deuteranomaly**  
7D5CC6



**Tritanomaly**  
C64686

# Monochromacy



**Original Color**  
CE27CE



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
905390

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE27CE 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 #CE27CE looks like.

```
.text, #text, p{  
    color:#CE27CE  
}
```

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 #CE27CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE27CE
}
```

## Border

The CSS property to change the border of an element to Hex CE27CE 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
#CE27CE }
```

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

```
.border{ border-color:#CE27CE }
```

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

Here you see how a box with a 4 pixel #CE27CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE27CE; -webkit-box-shadow:4px 4px  
4px 4px #CE27CE; box-shadow:4px 4px 4px  
4px #CE27CE }
```

# Background

The CSS property to change the background color of an element to Hex CE27CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE27CE }
```

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

```
.background{ background-color:#CE27CE }
```

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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