

Converting Colors

Hex(CE31BE)

Have a look what the booklet for
Hex(CE31BE) contains.

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Color

Hex(CE31BE)

Conversions

Conversions Part 1

Format	Color
Hex	CE31BE
RGB	206, 49, 190
RGB Percent	81%, 19%, 75%
CMY	0.1922, 0.8078, 0.2549
CMYK	0.00, 0.76, 0.08, 0.19
HSL	306°, 62%, 50%
HSV	306°, 76%, 81%
XYZ	35.8462, 19.0361, 50.5002
YIQ	112.0170, 48.3110, 77.1350

Conversions

Conversions Part 2

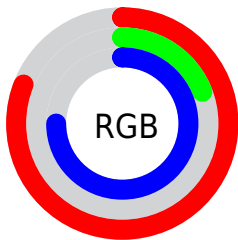
Format	Color
R _{YB}	206, 49, 190
Decimal	13513150
CIE _{Lab}	50.73, 73.62, -39.76
CIE _{LCh}	51, 83.672, 331.627
Y _{xy}	19.0361, 0.3402, 0.1806
Android (android.graphics.Color)	4291703230 (0xFFCE31BE)
YUV	112.0170, 38.4456, 82.4231
Hunter-Lab	43.6304, 70.3000, -38.0842

Details

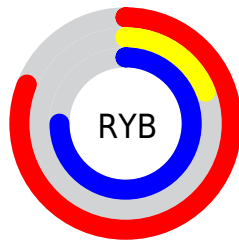
The Hex color **CE31BE** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **31CE41**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF70F7**, and **940088** is the 20% darker color. If you saturate the color by 10%, you get **CE1CBC**, and if you desaturate by 10%, it is **CE46C0**.

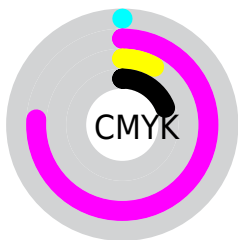
Distribution



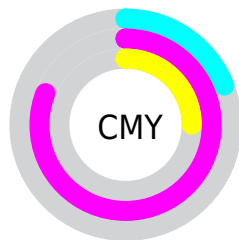
- Red (81%)
- Green (19%)
- Blue (75%)



- Red (81%)
- Yellow (19%)
- Blue (75%)



- Cyan (0%)
- Magenta (76%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE31BE 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 CE31BE by changing the saturation by 10% instead.

 CE31BE

 CE31BE

FFFFFF

 B100A3

 FF70F7

 940088

 FF8DFF

 77006E

 FFABFF

 5B0055

 FFC8FF

 41003E

 FFE6FF

 240027

 00010F

 000000

 CE31BE

 CE31BE

 CE1CBC

 CE46C0

 CE08BA

 CE5AC2

 CE00B9

 CE6FC4

 CE83C6

 CE98C8

 CEADCB

 CEC1CD

 CED6CF

 CEEAD1

Harmonies

Analogous

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



7163F4



CE31BE



F00078

Triad

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



CE31BE



907800



0096C3

Complementary

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



CE31BE



31CE41

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.



00967B



CE31BE



448900

Square

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



CE31BE



C65900



00922D



0091F7

Rectangle

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



CE31BE



F0034A



00922D



0096AC

Sweetspot

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



CE31BE



FFC4F9



4131CE



805C7C



000000



808080

Same Dimension

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



CE31BE



FF17E7



CE3170



665C65



A60095



260022

Inverse Universe

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



CE31BE



FF17E7



31CE8F



665C65



A60095



260022

Previews

White Background



This preview shows how the Hex color CE31BE looks on a white background.

Color Contrast Check

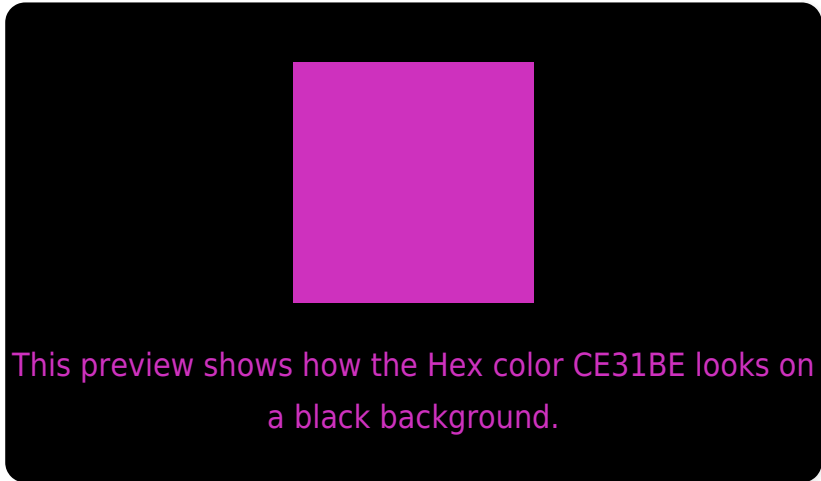
Large Text (above 18pt) WCAG AA ✓ Pass

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

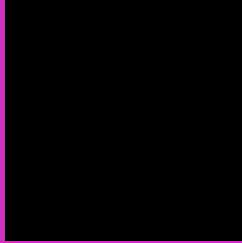
Any Text WCAG AA ✓ Pass

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 CE31BE Background



This preview shows how black text looks on a background with the Hex color CE31BE.



This preview shows how white text looks on a background with the Hex color CE31BE.

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
C4555B

Trichromacy



Original Color
CE31BE



Protanomaly
4B5CE4



Deuteranomaly
885FB8



Tritanomaly
C8487F

Monochromacy



Original Color
CE31BE



Achromatopsia
707070



Achromatomaly
92598C

CSS Examples

Text

The CSS property to change the color of the text to Hex CE31BE 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 #CE31BE looks like.

```
.text, #text, p{  
    color:#CE31BE  
}
```

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 #CE31BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE31BE
}
```

Border

The CSS property to change the border of an element to Hex CE31BE 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
#CE31BE }
```

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

```
.border{ border-color:#CE31BE }
```

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

Here you see how a box with a 4 pixel #CE31BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE31BE; -webkit-box-shadow:4px 4px  
4px 4px #CE31BE; box-shadow:4px 4px 4px  
4px #CE31BE }
```

Background

The CSS property to change the background color of an element to Hex CE31BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE31BE }
```

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

```
.background{ background-color:#CE31BE }
```

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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