

Converting Colors

Hex(CE3180)

Have a look what the booklet for
Hex(CE3180) contains.

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Color

Hex(CE3180)

Conversions

Conversions Part 1

Format	Color
Hex	CE3180
RGB	206, 49, 128
RGB Percent	81%, 19%, 50%
CMY	0.1922, 0.8078, 0.4980
CMYK	0.00, 0.76, 0.38, 0.19
HSL	330°, 62%, 50%
HSV	330°, 76%, 81%
XYZ	30.4482, 16.8769, 22.0749
YIQ	104.9490, 68.2130, 57.8530

Conversions

Conversions Part 2

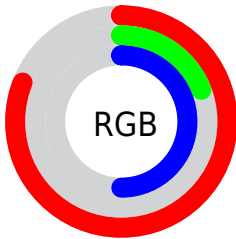
Format	Color
R _Y B	206, 49, 128
Decimal	13513088
CIE Lab	48.10, 65.81, -6.97
CIE LCh	48, 66.174, 353.956
Yxy	16.8769, 0.4387, 0.2432
Android (android.graphics.Color)	4291703168 (0xFFCE3180)
YUV	104.9490, 11.3641, 88.6217
Hunter-Lab	41.0816, 60.4051, -3.1019

Details

The Hex color **CE3180** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **31CE7F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6EB5**, and **93004F** is the 20% darker color. If you saturate the color by 10%, you get **CE1C76**, and if you desaturate by 10%, it is **CE468A**.

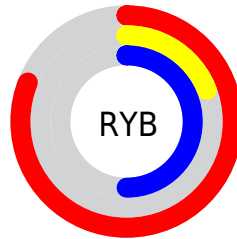
Distribution



Red (81%)

Green (19%)

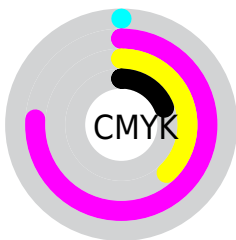
Blue (50%)



Red (81%)

Yellow (19%)

Blue (50%)

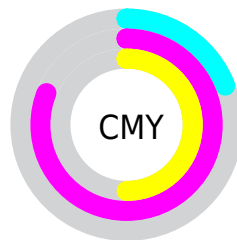


Cyan (0%)

Magenta (76%)

Yellow (38%)

Black (19%)



Cyan (19%)

Magenta (81%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE3180 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 CE3180 by changing the saturation by 10% instead.

 CE3180

 CE3180

FFFFFF

 B00067

 FF6EB5

 93004F

 FF8BD0

 750038

 FFA7EC

 590023

 FFC5FF

 3E000C

 FFE2FF

 1C0001

 000000

 CE3180

 CE3180

 CE1C76

 CE468A

 CE086C

 CE5A94

 CE0068

 CE6F9F

 CE83A9

 CE98B3

 CEADBD

 CEC1C8

 CED6D2

 CEEADC

Harmonies

Analogous

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



A94BB5



CE3180



D23749

Triad

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



CE3180



5F7C00



0087CC

Complementary

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



CE3180



31CE7F

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.



008B9E



CE3180



00862A

Square

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



CE3180



946C00



008A65



007DE2

Rectangle

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



CE3180



C54A25



008A65



0089BF

Sweetspot

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



CE3180



FFC4E2



7D31CE



805C6E



000000



808080

Same Dimension

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



CE3180



FF178C



CE3134



665C61



A60053



260013

Inverse Universe

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



CE3180



FF178C



31CECB



665C61



A60053



260013

Previews

White Background



This preview shows how the Hex color CE3180 looks on a white background.

Color Contrast Check

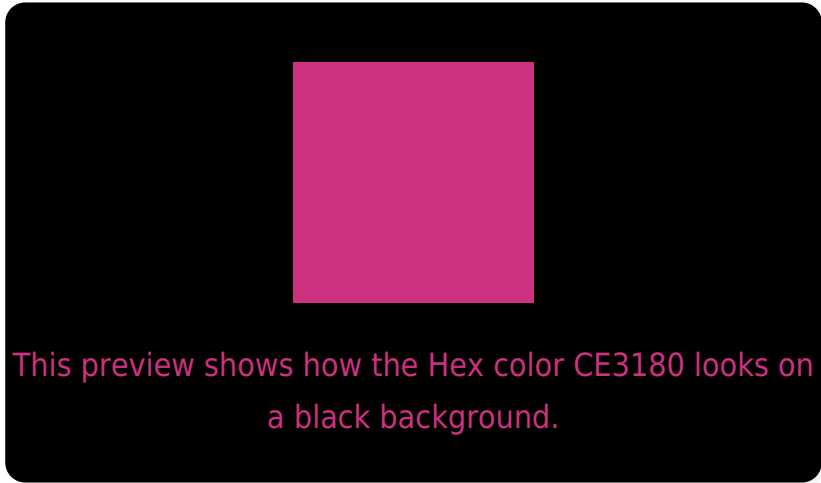
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex CE3180 Background



This preview shows how black text looks on a background with the Hex color CE3180.

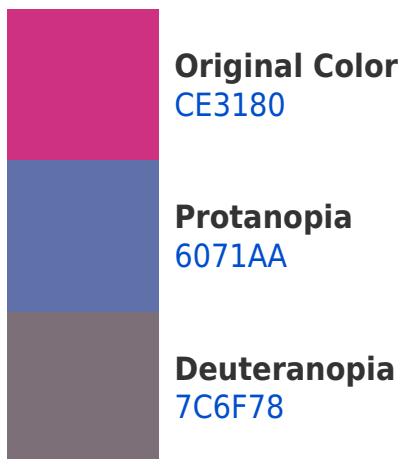


This preview shows how white text looks on a background with the Hex color CE3180.

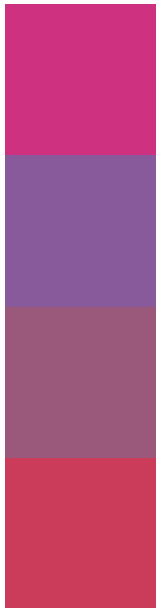
Color Blindness Simulation

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



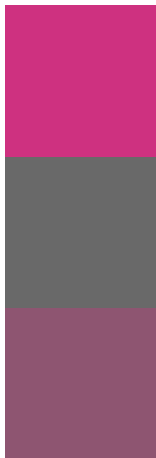
Original Color
CE3180

Protanomaly
885A9B

Deuteranomaly
9A587B

Tritanomaly
CB3C5A

Monochromacy



Original Color
CE3180

Achromatopsia
696969

Achromatomaly
8E5571

CSS Examples

Text

The CSS property to change the color of the text to Hex CE3180 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 #CE3180 looks like.

```
.text, #text, p{  
    color:#CE3180  
}
```

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 #CE3180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3180
}
```

Border

The CSS property to change the border of an element to Hex CE3180 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
#CE3180 }
```

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

```
.border{ border-color:#CE3180 }
```

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

Here you see how a box with a 4 pixel #CE3180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3180; -webkit-box-shadow:4px 4px  
4px 4px #CE3180; box-shadow:4px 4px 4px  
4px #CE3180 }
```

Background

The CSS property to change the background color of an element to Hex CE3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3180 }
```

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

```
.background{ background-color:#CE3180 }
```

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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