

Converting Colors

Hex(C208E3)

Have a look what the booklet for
Hex(C208E3) contains.

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Color

Hex(C208E3)

Conversions

Conversions Part 1

Format	Color
Hex	C208E3
RGB	194, 8, 227
RGB Percent	76%, 3%, 89%
CMY	0.2392, 0.9686, 0.1098
CMYK	0.15, 0.96, 0.00, 0.11
HSL	291°, 93%, 46%
HSV	291°, 96%, 89%
XYZ	36.2001, 17.1891, 74.0829
YIQ	88.5800, 40.5570, 107.5410

Conversions

Conversions Part 2

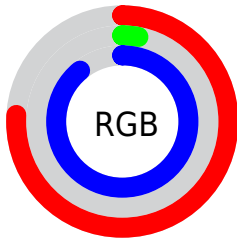
Format	Color
RYB	194, 8, 227
Decimal	12716259
CIELab	48.50, 84.43, -64.70
CIELCh	48, 106.370, 322.533
Yxy	17.1891, 0.2840, 0.1348
Android (android.graphics.Color)	4290906339 (0xFFC208E3)
YUV	88.5800, 68.2411, 92.4533
Hunter-Lab	41.4597, 83.3010, -76.9215

Details

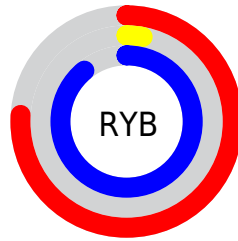
The Hex color **C208E3** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **29E308**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF5EFF**, and **8700AA** is the 20% darker color. If you saturate the color by 10%, you get **C100E3**, and if you desaturate by 10%, it is **C51FE3**.

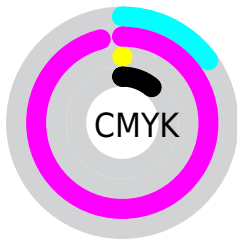
Distribution



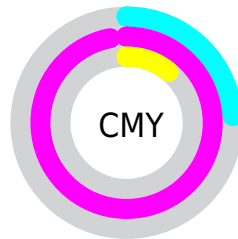
- Red (76%)
- Green (3%)
- Blue (89%)



- Red (76%)
- Yellow (3%)
- Blue (89%)



- Cyan (15%)
- Magenta (96%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (97%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C208E3 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 C208E3 by changing the saturation by 10% instead.

 C208E3

 C208E3

FFFFFF

 A400C6

 FF5EFF

 8700AA

 FF7DFF

 69008F

 FF9BFF

 4C0075

 FFB9FF

 30005B

 FFD7FF

 060042

 FFF5FF

 00032B

 000115

 000000

 C208E3

 C208E3

 C100E3

 C51FE3

 C935E3

 CC4CE3

 D063E3

 D37AE3

 D790E3

 DAA7E3

 DDBEE3

 E1D4E3

Harmonies

Analogous

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



0067FF



C208E3



FE008E

Triad

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



C208E3



9F6800



0095B7

Complementary

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



C208E3



29E308

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.



009359



C208E3



488200

Square

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



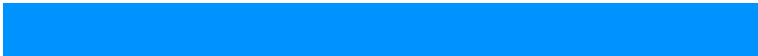
C208E3



DE2D00



008E00



0093FF

Rectangle

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



C208E3



FF0053



008E00



009498

Sweetspot

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



C208E3



F4B5FF



082DE3



795380



000000



808080

Same Dimension

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



C208E3



D900FF



E3089A



716773



9800B3



2B0033

Inverse Universe

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



E30829



FF0026



08E351



736769



B3001B



330008

Previews

White Background



This preview shows how the Hex color C208E3 looks on a white background.

Color Contrast Check

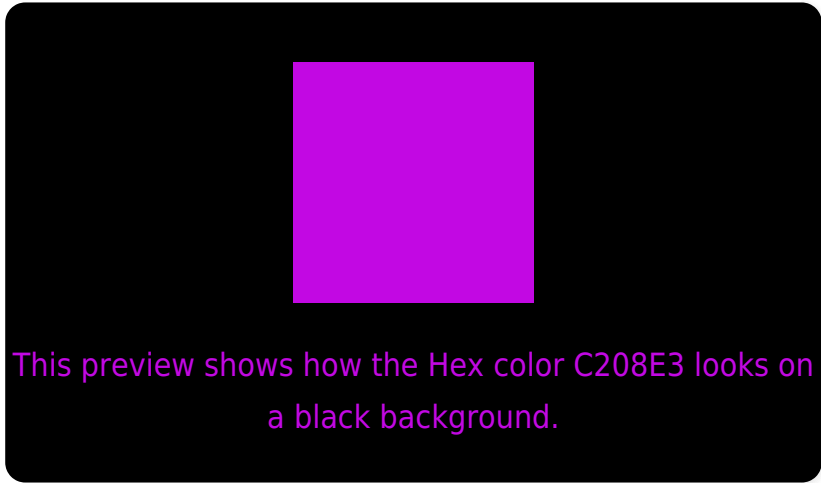
Large Text (above 18pt) WCAG AA ✓ Pass

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

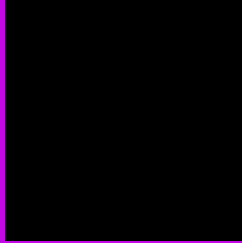
Any Text WCAG AA × Fail

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 C208E3 Background



This preview shows how black text looks on a background with the Hex color C208E3.




This preview shows how white text looks on a background with the Hex color C208E3.

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
B1595F

Trichromacy



Original Color
C208E3



Protanomaly
474AE9



Deuteranomaly
474FD8



Tritanomaly
B73C8F

Monochromacy



Original Color
C208E3



Achromatopsia
595959



Achromatomaly
7F3C8B

CSS Examples

Text

The CSS property to change the color of the text to Hex C208E3 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 #C208E3 looks like.

```
.text, #text, p{  
    color:#C208E3  
}
```

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 #C208E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C208E3
}
```

Border

The CSS property to change the border of an element to Hex C208E3 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".

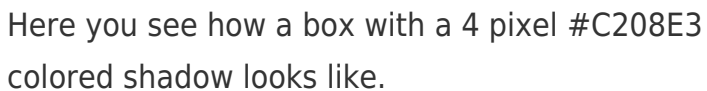
```
.border, #border, table{ border:4px solid
#C208E3 }
```

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

```
.border{ border-color:#C208E3 }
```

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

Here you see how a box with a 4 pixel #C208E3 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C208E3; -webkit-box-shadow:4px 4px  
4px 4px #C208E3; box-shadow:4px 4px 4px  
4px #C208E3 }
```

Background

The CSS property to change the background color of an element to Hex C208E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C208E3 }
```

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

```
.background{ background-color:#C208E3 }
```

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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