

Converting Colors

Hex(C233E5)

Have a look what the booklet for
Hex(C233E5) contains.

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Color

Hex(C233E5)

Conversions

Conversions Part 1

Format	Color
Hex	C233E5
RGB	194, 51, 229
RGB Percent	76%, 20%, 90%
CMY	0.2392, 0.8000, 0.1020
CMYK	0.15, 0.78, 0.00, 0.10
HSL	288°, 77%, 55%
HSV	288°, 78%, 90%
XYZ	37.5748, 19.4941, 75.9111
YIQ	114.0490, 28.0900, 85.6740

Conversions

Conversions Part 2

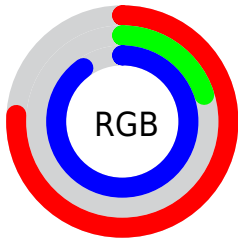
Format	Color
RYB	194, 51, 229
Decimal	12727269
CIELab	51.26, 77.05, -61.38
CIElCh	51, 98.506, 321.459
Yxy	19.4941, 0.2826, 0.1466
Android (android.graphics.Color)	4290917349 (0xFFC233E5)
YUV	114.0490, 56.6708, 70.1170
Hunter-Lab	44.1522, 74.6426, -71.0311

Details

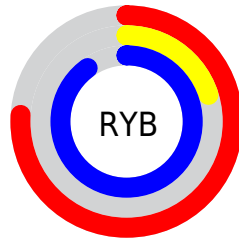
The Hex color **C233E5** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **56E533**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FE71FF**, and **8700AC** is the 20% darker color. If you saturate the color by 10%, you get **BD1CE5**, and if you desaturate by 10%, it is **C74AE5**.

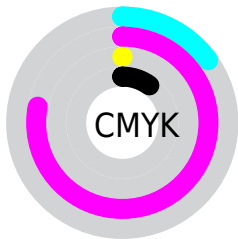
Distribution



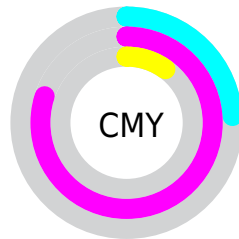
- Red (76%)
- Green (20%)
- Blue (90%)



- Red (76%)
- Yellow (20%)
- Blue (90%)



- Cyan (15%)
- Magenta (78%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (80%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color C233E5 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 C233E5 by changing the saturation by 10% instead.

 C233E5

 C233E5

FFFFFF

 A400C8

 FE71FF

 8700AC

 FF8FFF

 6A0091

 FFACFF

 4D0077

 FFC9FF

 32005D

 FFE7FF

 0D0044

 00032D

 000117

 000000

 C233E5

 C233E5

 BD1CE5

 C74AE5

 B905E5

 CB61E5

 B800E5

 D078E5

 D48FE5

 D9A6E5

 DDBCE5

 E2D3E5

 E6EAE5

 EBFFE5

Harmonies

Analogous

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



0070FF



C233E5



FD0096

Triad

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



C233E5



A96F00



009BB6

Complementary

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



C233E5



56E533

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.



00995E



C233E5



5B8800

Square

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



C233E5



E33D00



009400



0099FF

Rectangle

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



C233E5



FF005F



009400



009B9A

Sweetspot

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



C233E5



F3C4FF



3357E5



785C80



000000



808080

Same Dimension

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



C233E5



D012FF



E533B0



706773



8F00B3



290033

Inverse Universe

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



E53356



FF1240



33E568



73676A



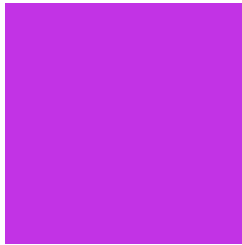
B30023



33000A

Previews

White Background



This preview shows how the Hex color C233E5 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

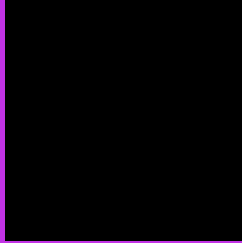
Any Text WCAG AA ✓ Pass

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 C233E5 Background



This preview shows how black text looks on a background with the Hex color C233E5.

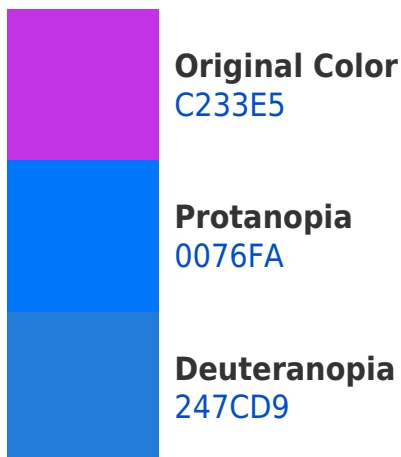



This preview shows how white text looks on a background with the Hex color C233E5.

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](#).

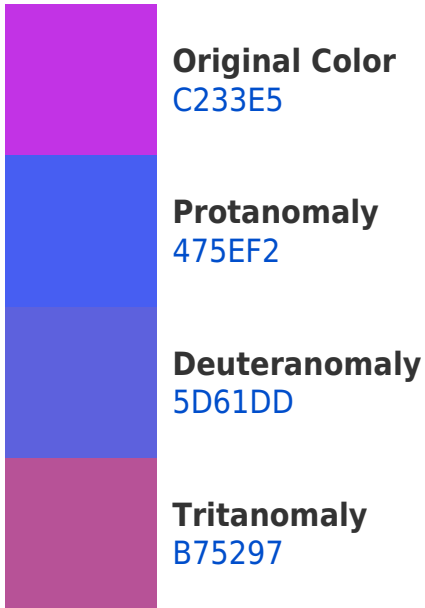
Dichromacy





Tritanopia
B1636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C233E5 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 #C233E5 looks like.

```
.text, #text, p{  
    color:#C233E5  
}
```

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 #C233E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C233E5
}
```

Border

The CSS property to change the border of an element to Hex C233E5 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
#C233E5 }
```

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

```
.border{ border-color:#C233E5 }
```

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

Here you see how a box with a 4 pixel #C233E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C233E5; -webkit-box-shadow:4px 4px  
4px 4px #C233E5; box-shadow:4px 4px 4px  
4px #C233E5 }
```

Background

The CSS property to change the background color of an element to Hex C233E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C233E5 }
```

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

```
.background{ background-color:#C233E5 }
```

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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