

Converting Colors

Hex(CE23B5)

Have a look what the booklet for
Hex(CE23B5) contains.

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Color

Hex(CE23B5)

Conversions

Conversions Part 1

Format	Color
Hex	CE23B5
RGB	206, 35, 181
RGB Percent	81%, 14%, 71%
CMY	0.1922, 0.8627, 0.2902
CMYK	0.00, 0.83, 0.12, 0.19
HSL	309°, 71%, 47%
HSV	309°, 83%, 81%
XYZ	34.3951, 17.6601, 45.3120
YIQ	102.7730, 55.0500, 81.6580

Conversions

Conversions Part 2

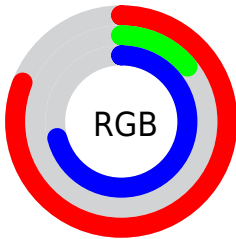
Format	Color
R_{YB}	206, 35, 181
Decimal	13509557
CIE _{Lab}	49.08, 75.78, -37.11
CIE _{LCh}	49, 84.382, 333.910
Yxy	17.6601, 0.3533, 0.1814
Android (android.graphics.Color)	4291699637 (0xFFCE23B5)
YUV	102.7730, 38.5659, 90.5301
Hunter-Lab	42.0239, 72.5544, -34.5123

Details

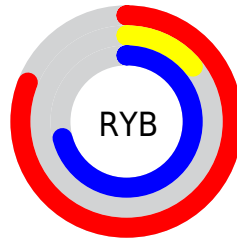
The Hex color **CE23B5** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **23CE3C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF67ED**, and **930080** is the 20% darker color. If you saturate the color by 10%, you get **CE0EB2**, and if you desaturate by 10%, it is **CE38B8**.

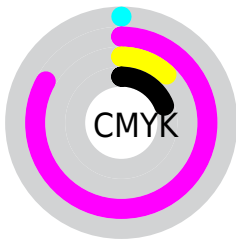
Distribution



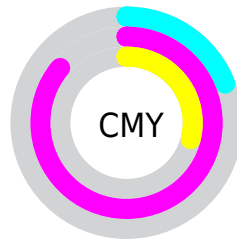
- Red (81%)
- Green (14%)
- Blue (71%)



- Red (81%)
- Yellow (14%)
- Blue (71%)



- Cyan (0%)
- Magenta (83%)
- Yellow (12%)
- Black (19%)



- Cyan (19%)
- Magenta (86%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE23B5 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 CE23B5 by changing the saturation by 10% instead.

 CE23B5

 CE23B5

FFFFFF

 B0009A

 FF67ED

 930080

 FF85FF

 760066

 FFA3FF

 5A004E

 FFC0FF

 400036

 FFDEFF

 220020

 FFFCFF

 000003

 000000

 CE23B5

 CE23B5

■ CE0EB2

■ CE38B8

■ CE00B0

■ CE4CBB

■ CE61BE

■ CE75C1

■ CE8AC4

■ CE9FC7

■ CEB3CA

■ CEC8CD

■ CEDCD0

Harmonies

Analogous

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



775CED



CE23B5



EC006F

Triad

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



CE23B5



867500



0092C4

Complementary

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



CE23B5



23CE3C

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.



00917D



CE23B5



368600

Square

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



CE23B5



BE5700



008E2F



008CF7

Rectangle

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



CE23B5



EA0040



008E2F



0092AD

Sweetspot

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



CE23B5



FFBFF6



3A23CE



80597A



000000



808080

Same Dimension

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



CE23B5



FF00DA



CE2362



665C65



A6008E



260021

Inverse Universe

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



CE23B5



FF00DA



23CE8F



665C65



A6008E



260021

Previews

White Background



This preview shows how the Hex color CE23B5 looks on a white background.

Color Contrast Check

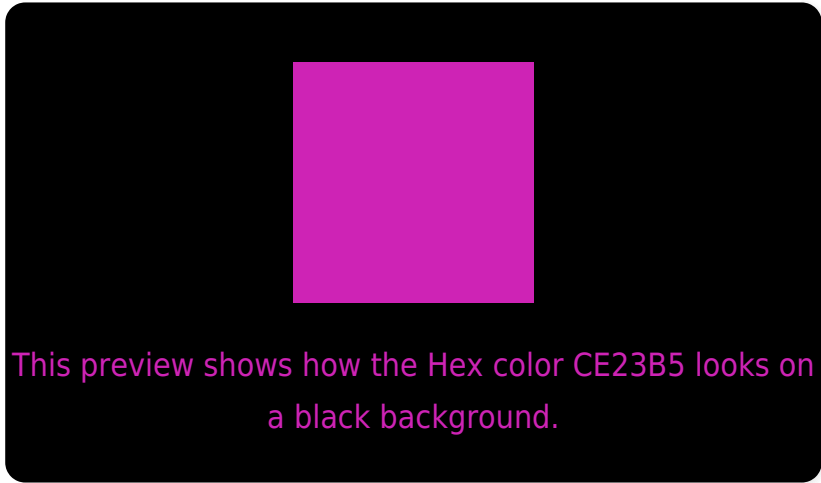
Large Text (above 18pt) WCAG AA ✓ Pass

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

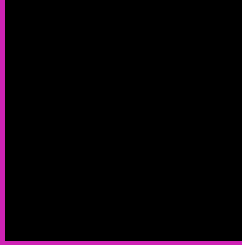
Any Text WCAG AA ✓ Pass

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 CE23B5 Background



This preview shows how black text looks on a background with the Hex color CE23B5.

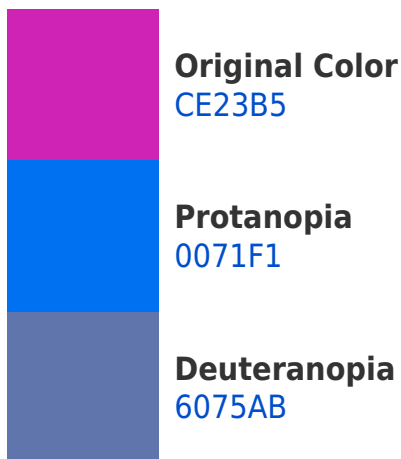



This preview shows how white text looks on a background with the Hex color CE23B5.

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
C54D51

Trichromacy



Original Color
CE23B5



Protanomaly
4B55DB



Deuteranomaly
8857AF



Tritanomaly
C83E75

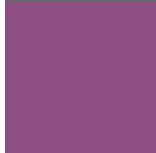
Monochromacy



Original Color
CE23B5



Achromatopsia
676767



Achromatomaly
8C4E83

CSS Examples

Text

The CSS property to change the color of the text to Hex CE23B5 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 #CE23B5 looks like.

```
.text, #text, p{  
    color:#CE23B5  
}
```

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 #CE23B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE23B5
}
```

Border

The CSS property to change the border of an element to Hex CE23B5 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
#CE23B5 }
```

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

```
.border{ border-color:#CE23B5 }
```

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

Here you see how a box with a 4 pixel #CE23B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE23B5; -webkit-box-shadow:4px 4px  
4px 4px #CE23B5; box-shadow:4px 4px 4px  
4px #CE23B5 }
```

Background

The CSS property to change the background color of an element to Hex CE23B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE23B5 }
```

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

```
.background{ background-color:#CE23B5 }
```

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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