

Converting Colors

Hex(CA3EB5)

Have a look what the booklet for
Hex(CA3EB5) contains.

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Color

Hex(CA3EB5)

Conversions

Conversions Part 1

Format	Color
Hex	CA3EB5
RGB	202, 62, 181
RGB Percent	79%, 24%, 71%
CMY	0.2078, 0.7569, 0.2902
CMYK	0.00, 0.69, 0.10, 0.21
HSL	309°, 57%, 52%
HSV	309°, 69%, 79%
XYZ	34.4202, 19.3380, 45.6345
YIQ	117.4260, 45.2410, 66.6890

Conversions

Conversions Part 2

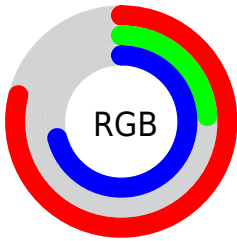
Format	Color
R_{YB}	202, 62, 181
Decimal	13254325
CIE _{Lab}	51.08, 67.25, -34.02
CIE _{LCh}	51, 75.366, 333.170
Yxy	19.3380, 0.3463, 0.1946
Android (android.graphics.Color)	4291444405 (0xFFCA3EB5)
YUV	117.4260, 31.3420, 74.1714
Hunter-Lab	43.9750, 62.7598, -30.7450

Details

The Hex color **CA3EB5** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3ECA53**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF79ED**, and **900080** is the 20% darker color. If you saturate the color by 10%, you get **CA2AB2**, and if you desaturate by 10%, it is **CA52B8**.

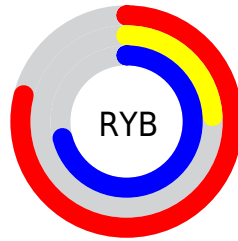
Distribution



Red (79%)

Green (24%)

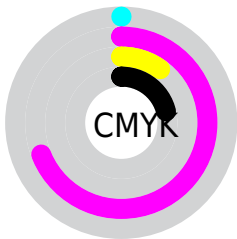
Blue (71%)



Red (79%)

Yellow (24%)

Blue (71%)

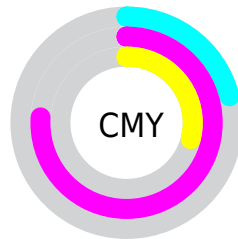


Cyan (0%)

Magenta (69%)

Yellow (10%)

Black (21%)



Cyan (21%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA3EB5 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 CA3EB5 by changing the saturation by 10% instead.

 CA3EB5

 CA3EB5

FFFFFF

 AD1A9A

 FF79ED

 900080

 FF95FF

 740066

 FFB2FF

 58004E

 FFCFFF

 3F0037

 FFEDFF

 220020

 000003

 000000

 CA3EB5

 CA3EB5

■ CA2AB2

■ CA52B8

■ CA16AF

■ CA66BB

■ CA01AC

■ CA7BBE

■ CA00AC

■ CA8FC1

■ CAA3C4

■ CAB7C7

■ CACBCA

■ CAE0CD

■ CAF4D0

Harmonies

Analogous

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



7D65E7



CA3EB5



E72076

Triad

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



CA3EB5



8E7900



0095BF

Complementary

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



CA3EB5



3ECA53

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.



00957F



CA3EB5



4A8900

Square

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



CA3EB5



C05F00



00923B



008FED

Rectangle

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



CA3EB5



E62E4C



00923B



0095AB

Sweetspot

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



CA3EB5



FFC9F7



533ECA



80607B



000000



808080

Same Dimension

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



CA3EB5



FF2BDF



CA3E6F



665C64



A6008D



260021

Inverse Universe

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



CA3EB5



FF2BDF



3ECA99



665C64



A6008D



260021

Previews

White Background



This preview shows how the Hex color CA3EB5 looks on a white background.

Color Contrast Check

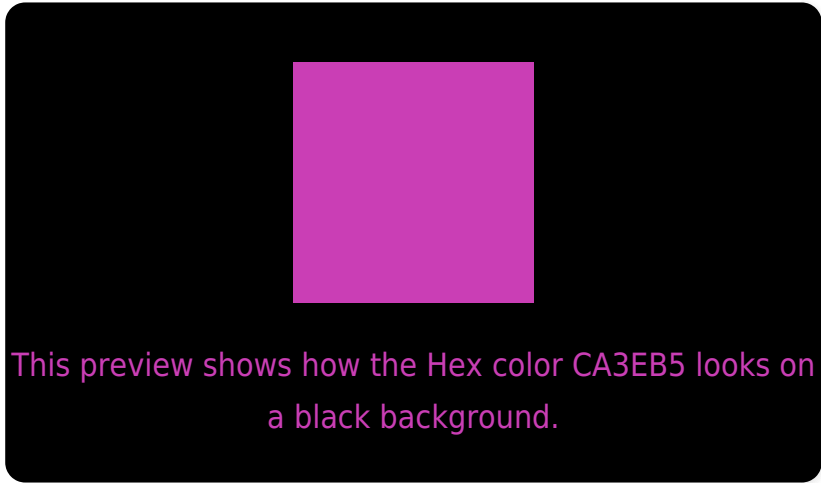
Large Text (above 18pt) WCAG AA ✓ Pass

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

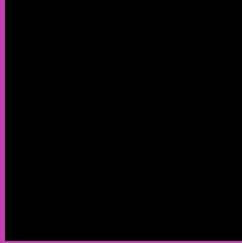
Any Text WCAG AA ✓ Pass

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 CA3EB5 Background



This preview shows how black text looks on a background with the Hex color CA3EB5.

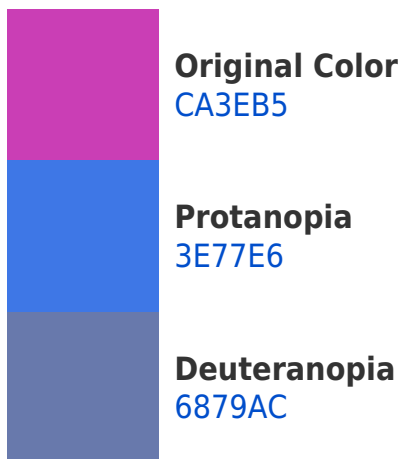



This preview shows how white text looks on a background with the Hex color CA3EB5.

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](#).

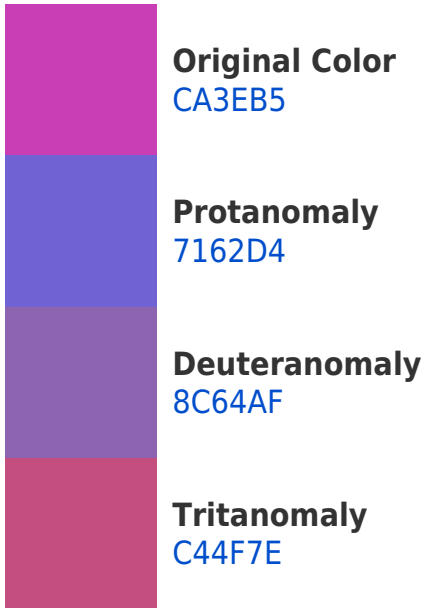
Dichromacy





Tritanopia
C1595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA3EB5 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 #CA3EB5 looks like.

```
.text, #text, p{  
    color:#CA3EB5  
}
```

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 #CA3EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA3EB5
}
```

Border

The CSS property to change the border of an element to Hex CA3EB5 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
#CA3EB5 }
```

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

```
.border{ border-color:#CA3EB5 }
```

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

Here you see how a box with a 4 pixel #CA3EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA3EB5; -webkit-box-shadow:4px 4px  
4px 4px #CA3EB5; box-shadow:4px 4px 4px  
4px #CA3EB5 }
```

Background

The CSS property to change the background color of an element to Hex CA3EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA3EB5 }
```

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

```
.background{ background-color:#CA3EB5 }
```

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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