

Converting Colors

Hex(CA5AE2)

Have a look what the booklet for
Hex(CA5AE2) contains.

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Color

Hex(CA5AE2)

Conversions

Conversions Part 1

Format	Color
Hex	CA5AE2
RGB	202, 90, 226
RGB Percent	79%, 35%, 89%
CMY	0.2078, 0.6471, 0.1137
CMYK	0.11, 0.60, 0.00, 0.11
HSL	289°, 70%, 62%
HSV	289°, 60%, 89%
XYZ	41.7408, 25.3599, 74.6465
YIQ	138.9920, 23.0960, 66.0400

Conversions

Conversions Part 2

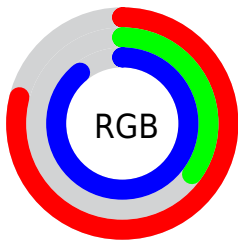
Format	Color
R _Y B	202, 90, 226
Decimal	13261538
CIE Lab	57.42, 63.57, -49.76
CIE LCh	57, 80.727, 321.948
Yxy	25.3599, 0.2945, 0.1789
Android (android.graphics.Color)	4291451618 (0xFFCA5AE2)
YUV	138.9920, 42.8949, 55.2580
Hunter-Lab	50.3586, 59.8259, -52.6345

Details

The Hex color **CA5AE2** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **72E25A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF92FF**, and **911DAA** is the 20% darker color. If you saturate the color by 10%, you get **C643E2**, and if you desaturate by 10%, it is **CE71E2**.

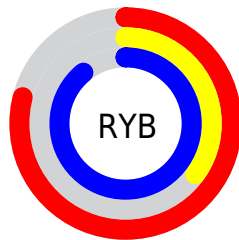
Distribution



Red (79%)

Green (35%)

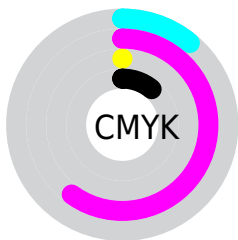
Blue (89%)



Red (79%)

Yellow (35%)

Blue (89%)

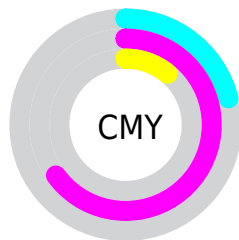


Cyan (11%)

Magenta (60%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (65%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5AE2 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 CA5AE2 by changing the saturation by 10% instead.

CA5AE2

CA5AE2

FFFFFF

AD3EC6

FF92FF

911DAA

FFAEFF

75008F

FFCBFF

590075

FFE8FF

3D005B

240043

00002C

000116

000000

CA5AE2

CA5AE2

C643E2

CE71E2

C22DE2

D287E2

BE16E2

D69EE2

BA00E2

DAB4E2

DECBE2

E2E2E2

E6F8E2

EAFFE2

EEFFE2

Harmonies

Analogous

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



5180FF



CA5AE2



FB32A0

Triad

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



CA5AE2



B78000



00A8BD

Complementary

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



CA5AE2



72E25A

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.



00A774



CA5AE2



759600

Square

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



CA5AE2



E85F10



00A227



00A5F9

Rectangle

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



CA5AE2



FF2E71



00A227



00A8A5

Sweetspot

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



CA5AE2



F7D1FF



5A73E2



7B6380



000000



808080

Same Dimension

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



CA5AE2



DF47FF



E25AB7



6E6570



9100B0



280030

Inverse Universe

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



E25A72



FF4768



5AE285



706567



B0001F



300009

Previews

White Background



This preview shows how the Hex color CA5AE2 looks on a white background.

Color Contrast Check

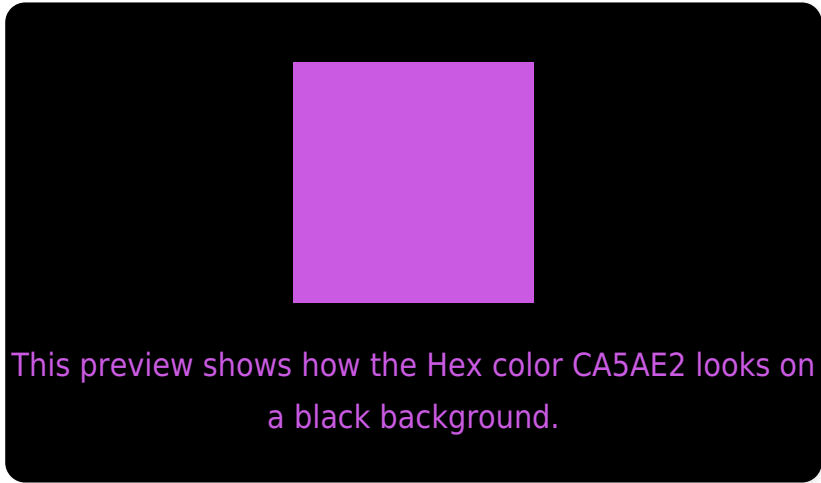
Large Text (above 18pt) WCAG AA ✓ Pass

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

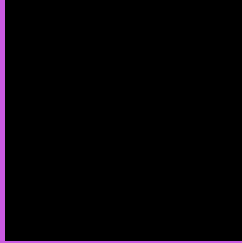
Any Text WCAG AA ✓ Pass

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 CA5AE2 Background



This preview shows how black text looks on a background with the Hex color CA5AE2.

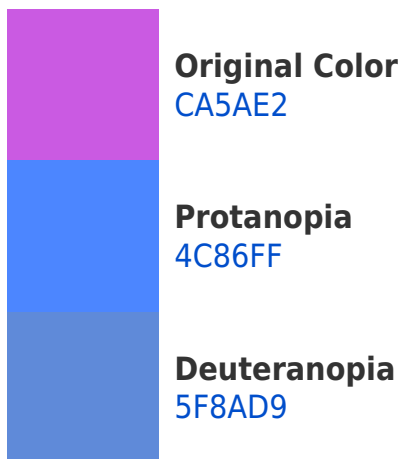


This preview shows how white text looks on a background with the Hex color CA5AE2.

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
BD767F

Trichromacy



Original Color
CA5AE2



Protanomaly
7A76F4



Deuteranomaly
8679DC



Tritanomaly
C26CA3

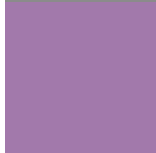
Monochromacy



Original Color
CA5AE2



Achromatopsia
8B8B8B



Achromatomaly
A279AB

CSS Examples

Text

The CSS property to change the color of the text to Hex CA5AE2 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 #CA5AE2 looks like.

```
.text, #text, p{  
  color:#CA5AE2  
}
```

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 #CA5AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5AE2
}
```

Border

The CSS property to change the border of an element to Hex CA5AE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

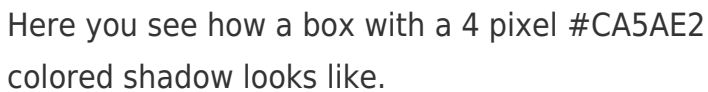
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA5AE2 }
```

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

```
.border{ border-color:#CA5AE2 }
```

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



Here you see how a box with a 4 pixel `#CA5AE2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5AE2; -webkit-box-shadow:4px 4px  
4px 4px #CA5AE2; box-shadow:4px 4px 4px  
4px #CA5AE2 }
```

Background

The CSS property to change the background color of an element to Hex CA5AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5AE2 }
```

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

```
.background{ background-color:#CA5AE2 }
```

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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