

Converting Colors

Hex(CA5DC7)

Have a look what the booklet for
Hex(CA5DC7) contains.

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Color

Hex(CA5DC7)

Conversions

Conversions Part 1

Format	Color
Hex	CA5DC7
RGB	202, 93, 199
RGB Percent	79%, 36%, 78%
CMY	0.2078, 0.6353, 0.2196
CMYK	0.00, 0.54, 0.01, 0.21
HSL	302°, 51%, 58%
HSV	302°, 54%, 79%
XYZ	38.5803, 24.5088, 56.7301
YIQ	137.6750, 30.9380, 56.0740

Conversions

Conversions Part 2

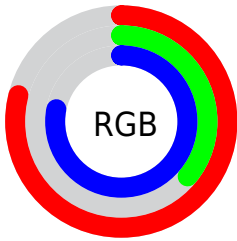
Format	Color
R_{YB}	202, 93, 199
Decimal	13262279
CIE _{Lab}	56.59, 57.30, -35.77
CIE _{LCh}	57, 67.553, 328.025
Yxy	24.5088, 0.3220, 0.2045
Android (android.graphics.Color)	4291452359 (0xFFCA5DC7)
YUV	137.6750, 30.2332, 56.4130
Hunter-Lab	49.5063, 52.4689, -33.2869

Details

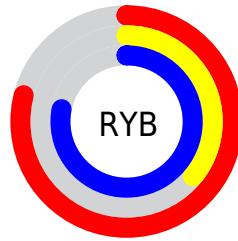
The Hex color **CA5DC7** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5DCA60**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF94FF**, and **912491** is the 20% darker color. If you saturate the color by 10%, you get **CA49C6**, and if you desaturate by 10%, it is **CA71C8**.

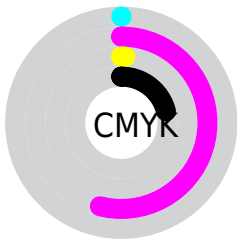
Distribution



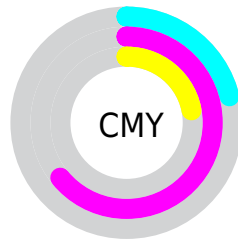
- Red (79%)
- Green (36%)
- Blue (78%)



- Red (79%)
- Yellow (36%)
- Blue (78%)



- Cyan (0%)
- Magenta (54%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5DC7 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 CA5DC7 by changing the saturation by 10% instead.

CA5DC7

CA5DC7

FFFFFF

AD41AB

FF94FF

912491

FFB0FF

760077

FFCCFF

5B005D

FFE AFF

400045

28002F

000118

000000

CA5DC7

CA5DC7

■ CA49C6

■ CA71C8

■ CA35C6

■ CA85C8

■ CA20C5

■ CA9AC9

■ CA0CC5

■ CAAEC9

■ CA00C4

■ CAC2CA

■ CAD6CA

■ CAEACB

■ CAFFCB

■ CAFFCC

Harmonies

Analogous

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



7D7AF0



CA5DC7



EC498E

Triad

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



CA5DC7



A68400



00A2BE

Complementary

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



CA5DC7



5DCA60

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.



00A282



CA5DC7



6D9400

Square

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



CA5DC7



D26C1E



009E45



009DEB

Rectangle

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



CA5DC7



F04B67



009E45



00A3AB

Sweetspot

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



CA5DC7



FFD6FE



5F5DCA



80677F



000000



808080

Same Dimension

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



CA5DC7



FF59FA



CA5D92



665C66



A600A1



260025

Inverse Universe

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



CA5DC7



FF59FA



5DCA95



665C66



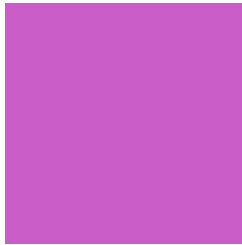
A600A1



260025

Previews

White Background



This preview shows how the Hex color CA5DC7 looks on a white background.

Color Contrast Check

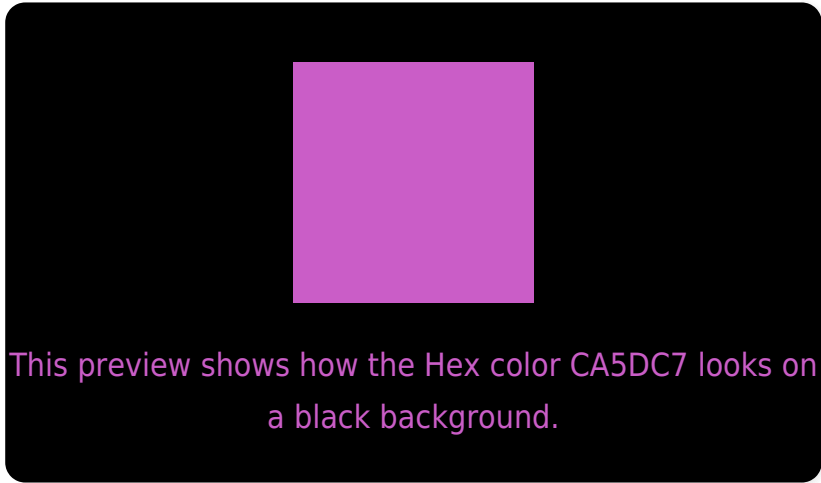
Large Text (above 18pt) WCAG AA ✓ Pass

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

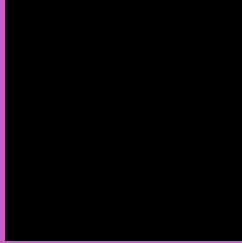
Any Text WCAG AA ✓ Pass

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 CA5DC7 Background



This preview shows how black text looks on a background with the Hex color CA5DC7.

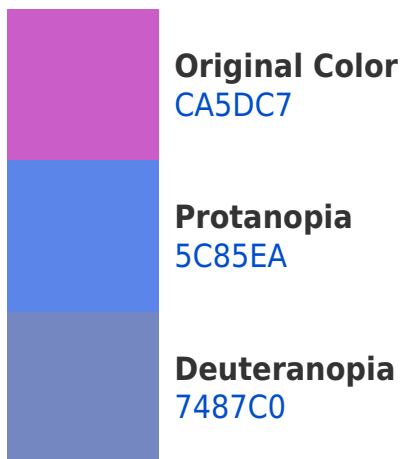


This preview shows how white text looks on a background with the Hex color CA5DC7.

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](#).

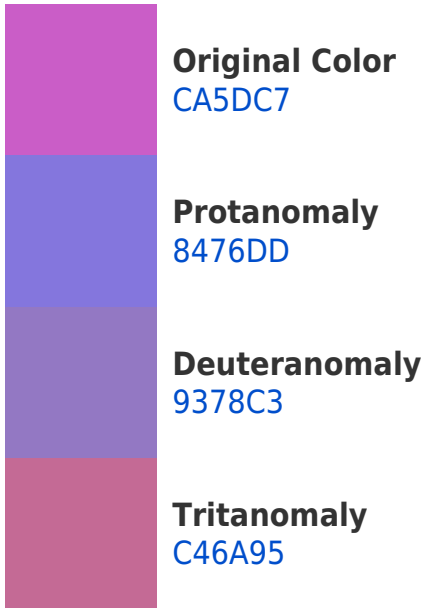
Dichromacy



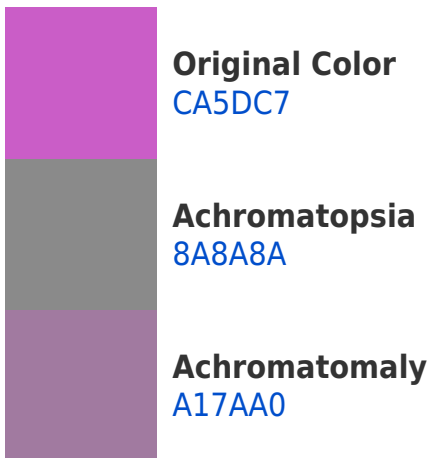


Tritanopia
C17179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA5DC7 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 #CA5DC7 looks like.

```
.text, #text, p{  
    color:#CA5DC7  
}
```

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 #CA5DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5DC7
}
```

Border

The CSS property to change the border of an element to Hex CA5DC7 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
#CA5DC7 }
```

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

```
.border{ border-color:#CA5DC7 }
```

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

Here you see how a box with a 4 pixel #CA5DC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5DC7; -webkit-box-shadow:4px 4px  
4px 4px #CA5DC7; box-shadow:4px 4px 4px  
4px #CA5DC7 }
```

Background

The CSS property to change the background color of an element to Hex CA5DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5DC7 }
```

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

```
.background{ background-color:#CA5DC7 }
```

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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