

Converting Colors

Hex(CA75C8)

Have a look what the booklet for
Hex(CA75C8) contains.

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Color

Hex(CA75C8)

Conversions

Conversions Part 1

Format	Color
Hex	CA75C8
RGB	202, 117, 200
RGB Percent	79%, 46%, 78%
CMY	0.2078, 0.5412, 0.2157
CMYK	0.00, 0.42, 0.01, 0.21
HSL	301°, 45%, 63%
HSV	301°, 42%, 79%
XYZ	41.1437, 29.4493, 58.1593
YIQ	151.8770, 24.0170, 43.8330

Conversions

Conversions Part 2

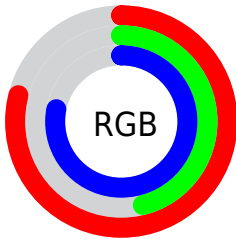
Format	Color
R _Y B	202, 117, 200
Decimal	13268424
CIE Lab	61.18, 45.58, -29.21
CIE LCh	61, 54.135, 327.342
Yxy	29.4493, 0.3196, 0.2287
Android (android.graphics.Color)	4291458504 (0xFFCA75C8)
YUV	151.8770, 23.7246, 43.9579
Hunter-Lab	54.2672, 40.3658, -25.5554

Details

The Hex color **CA75C8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75CA77**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFABFF**, and **924192** is the 20% darker color. If you saturate the color by 10%, you get **CA61C8**, and if you desaturate by 10%, it is **CA89C8**.

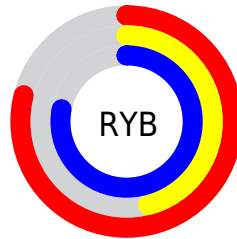
Distribution



Red (79%)

Green (46%)

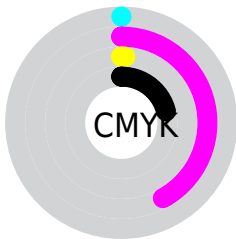
Blue (78%)



Red (79%)

Yellow (46%)

Blue (78%)

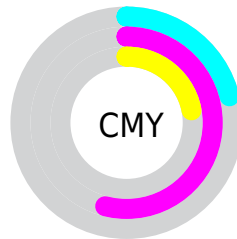


Cyan (0%)

Magenta (42%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (54%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA75C8 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 CA75C8 by changing the saturation by 10% instead.

CA75C8

CA75C8

FFFFFF

AE5BAC

FFABFF

924192

FFC7FF

772778

FFE4FF

5D075F

430047

2D0030

04001A

000000

CA75C8

CA75C8

CA61C8

CA89C8

CA4DC7

CA9DC9

CA38C7

CAB2C9

CA24C6

CAC6CA

CA10C6

CADACA

CA00C5

CAEECB

CAFFCB

CAFFCC

Harmonies

Analogous

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



8E89E9



CA75C8



E8699A

Triad

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



CA75C8



B1902D



00ABBE

Complementary

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



CA75C8



75CA77

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.



00AB8E



CA75C8



829E39

Square

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



CA75C8



D67E43



42A75E



00A5E3

Rectangle

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



CA75C8



EC6A7A



42A75E



00ABAF

Sweetspot

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



CA75C8



FFDEFE



7675CA



806B7F



000000



808080

Same Dimension

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



CA75C8



FF80FC



CA759E



665C66



A600A2



260025

Inverse Universe

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



CA75C8



FF80FC



75CAA1



665C66



A600A2



260025

Previews

White Background



This preview shows how the Hex color CA75C8 looks on a white background.

Color Contrast Check

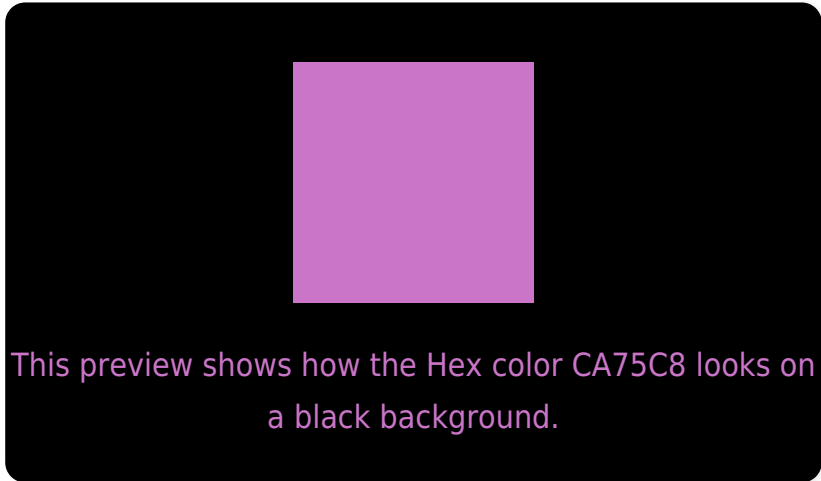
Large Text (above 18pt) WCAG AA ✓ Pass

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

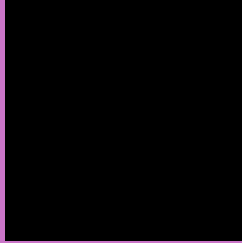
Any Text WCAG AA ✓ Pass

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 CA75C8 Background



This preview shows how black text looks on a background with the Hex color CA75C8.

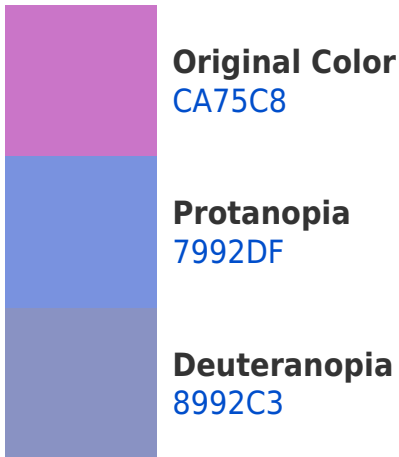



This preview shows how white text looks on a background with the Hex color CA75C8.

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](#).

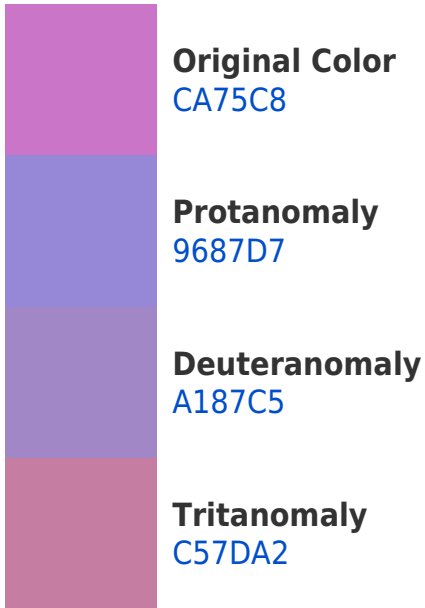
Dichromacy



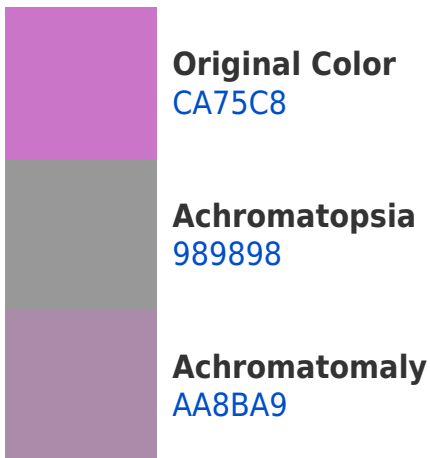


Tritanopia
C2828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA75C8 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 #CA75C8 looks like.

```
.text, #text, p{  
    color:#CA75C8  
}
```

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 #CA75C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA75C8  
}
```

Border

The CSS property to change the border of an element to Hex CA75C8 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  
#CA75C8 }
```

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

```
.border{ border-color:#CA75C8 }
```

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

Here you see how a box with a 4 pixel #CA75C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA75C8; -webkit-box-shadow:4px 4px  
4px 4px #CA75C8; box-shadow:4px 4px 4px  
4px #CA75C8 }
```

Background

The CSS property to change the background color of an element to Hex CA75C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA75C8 }
```

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

```
.background{ background-color:#CA75C8 }
```

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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