

Converting Colors

Hex(CA5F8A)

Have a look what the booklet for
Hex(CA5F8A) contains.

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Color

Hex(CA5F8A)

Conversions

Conversions Part 1

Format	Color
Hex	CA5F8A
RGB	202, 95, 138
RGB Percent	79%, 37%, 54%
CMY	0.2078, 0.6275, 0.4588
CMYK	0.00, 0.53, 0.32, 0.21
HSL	336°, 50%, 58%
HSV	336°, 53%, 79%
XYZ	33.0368, 22.5760, 26.6611
YIQ	131.8950, 49.9690, 36.0570

Conversions

Conversions Part 2

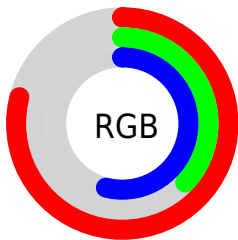
Format	Color
R_{YB}	202, 95, 138
Decimal	13262730
CIE _{Lab}	54.63, 47.10, -3.34
CIE _{LCh}	55, 47.219, 355.941
Yxy	22.5760, 0.4015, 0.2744
Android (android.graphics.Color)	4291452810 (0xFFCA5F8A)
YUV	131.8950, 3.0098, 61.4821
Hunter-Lab	47.5142, 40.9620, -0.0089

Details

The Hex color **CA5F8A** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5FCA9F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF95BF**, and **912958** is the 20% darker color. If you saturate the color by 10%, you get **CA4B7E**, and if you desaturate by 10%, it is **CA7396**.

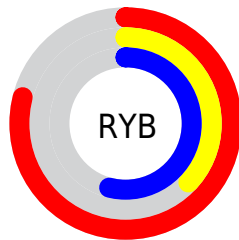
Distribution



Red (79%)

Green (37%)

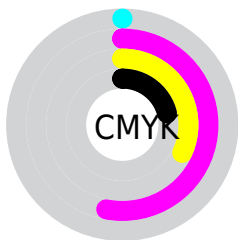
Blue (54%)



Red (79%)

Yellow (37%)

Blue (54%)

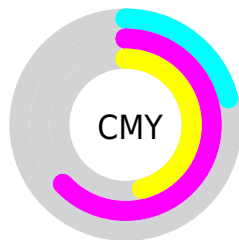


Cyan (0%)

Magenta (53%)

Yellow (32%)

Black (21%)



Cyan (21%)

Magenta (63%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5F8A 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 CA5F8A by changing the saturation by 10% instead.

CA5F8A

CA5F8A

FFFFFF

AD4571

FF95BF

912958

FFB0DB

750741

FFCDF8

5A002B

FFEAF8

3F0017

260001

000000

CA5F8A

CA5F8A

CA4B7E

CA7396

CA3772

CA87A2

CA2266

CA9CAE

CA0E5A

CAB0BA

CA0051

CAC4C6

CAD8D2

CAECDF

CAFFEB

CAFFF7

Harmonies

Analogous

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



AF6AB1



CA5F8A



CD6261

Triad

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



CA5F8A



768B35



0092C6

Complementary

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



CA5F8A



5FCA9F

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.



0097A5



CA5F8A



429353

Square

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



CA5F8A



9E7F2D



00977C



0089D4

Rectangle

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



CA5F8A



C46A4A



00977C



0094BC

Sweetspot

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



CA5F8A



FFD6E7



9D5FCA



806771



000000



808080

Same Dimension

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



CA5F8A



FF5C9D



CA685F



665C60



A60043



26000F

Inverse Universe

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



CA5F8A



FF5C9D



5FC1CA



665C60



A60043



26000F

Previews

White Background



This preview shows how the Hex color CA5F8A looks on a white background.

Color Contrast Check

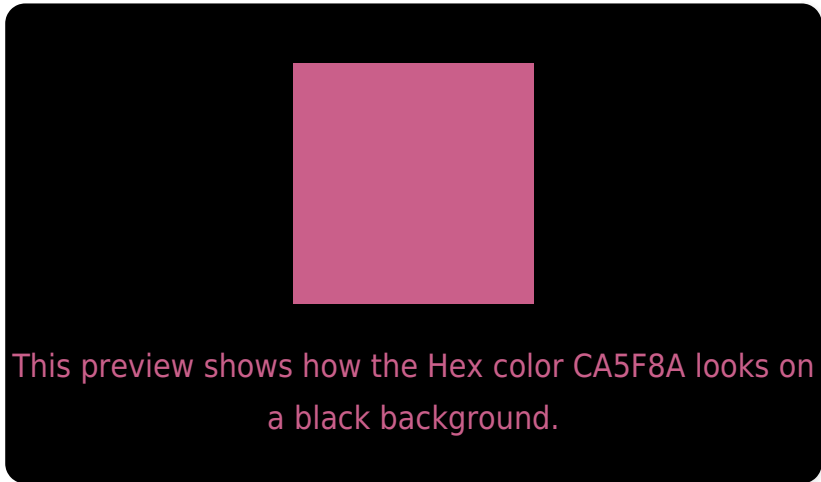
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA5F8A Background



This preview shows how black text looks on a background with the Hex color CA5F8A.



This preview shows how white text looks on a background with the Hex color CA5F8A.

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



Original Color
CA5F8A

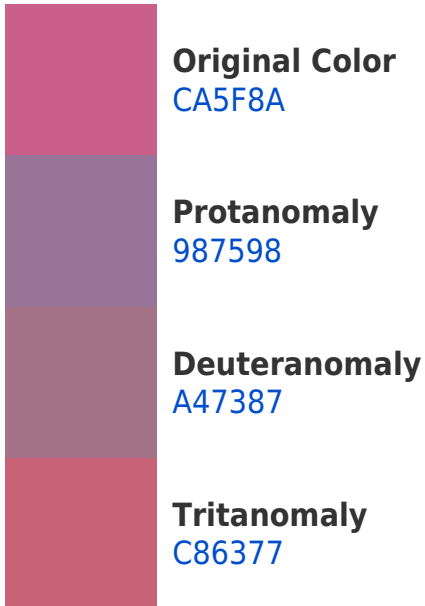
Protanopia
7C82A0

Deuteranopia
8F7F85



Tritanopia
C7656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA5F8A 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 #CA5F8A looks like.

```
.text, #text, p{  
    color:#CA5F8A  
}
```

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 #CA5F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5F8A
}
```

Border

The CSS property to change the border of an element to Hex CA5F8A 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
#CA5F8A }
```

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

```
.border{ border-color:#CA5F8A }
```

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

Here you see how a box with a 4 pixel #CA5F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5F8A; -webkit-box-shadow:4px 4px  
4px 4px #CA5F8A; box-shadow:4px 4px 4px  
4px #CA5F8A }
```

Background

The CSS property to change the background color of an element to Hex CA5F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5F8A }
```

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

```
.background{ background-color:#CA5F8A }
```

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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