

Converting Colors

Hex(CA488E)

Have a look what the booklet for
Hex(CA488E) contains.

Hex(CA488E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA488E)

Conversions

Conversions Part 1

Format	Color
Hex	CA488E
RGB	202, 72, 142
RGB Percent	79%, 28%, 56%
CMY	0.2078, 0.7176, 0.4431
CMYK	0.00, 0.64, 0.30, 0.21
HSL	328°, 55%, 54%
HSV	328°, 64%, 79%
XYZ	31.5570, 19.1443, 27.6232
YIQ	118.8500, 55.0100, 49.3300

Conversions

Conversions Part 2

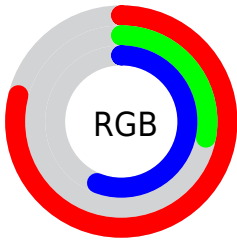
Format	Color
RYB	202, 72, 142
Decimal	13256846
CIELab	50.86, 58.05, -11.34
CIElCh	51, 59.150, 348.945
Yxy	19.1443, 0.4029, 0.2444
Android (android.graphics.Color)	4291446926 (0xFFCA488E)
YUV	118.8500, 11.4130, 72.9226
Hunter-Lab	43.7542, 52.1703, -6.8034

Details

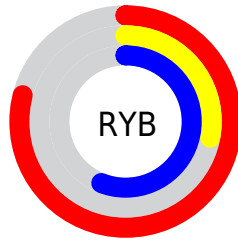
The Hex color **CA488E** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **48CA84**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF80C4**, and **90005C** is the 20% darker color. If you saturate the color by 10%, you get **CA3485**, and if you desaturate by 10%, it is **CA5C97**.

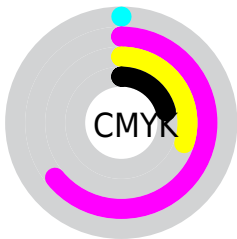
Distribution



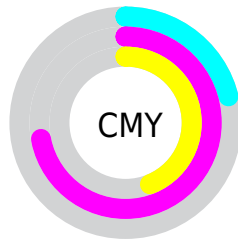
- Red (79%)
- Green (28%)
- Blue (56%)



- Red (79%)
- Yellow (28%)
- Blue (56%)



- Cyan (0%)
- Magenta (64%)
- Yellow (30%)
- Black (21%)



- Cyan (21%)
- Magenta (72%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA488E 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 CA488E by changing the saturation by 10% instead.

 CA488E

 CA488E

FFFFFF

 AD2A74

 FF80C4

 90005C

 FF9CE0

 740044

 FFB8FC

 58002E

 FFD5FF

 3F001A

 FFF2FF

 200001

 000000

 CA488E

 CA488E

 CA3485

 CA5C97

■ CA207B

■ CA70A1

■ CA0B72

■ CA85AA

■ CA006D

■ CA99B3

■ CAADBBD

■ CAC1C6

■ CAD5CF

■ CAEAD9

■ CAFEE2

Harmonies

Analogous

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



A35DBC



CA488E



D3485B

Triad

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



CA488E



738000



008DC5

Complementary

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



CA488E



48CA84

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.



009098



CA488E



328A31

Square

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



CA488E



A17000



008F64



0084DC

Rectangle

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



CA488E



CA533C



008F64



008FB8

Sweetspot

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



CA488E



FFCFE9



8348CA



806272



000000



808080

Same Dimension

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



CA488E



FF3BA4



CA484E



665C61



A60059



260015

Inverse Universe

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



CA488E



FF3BA4



48CAC3



665C61



A60059



260015

Previews

White Background



This preview shows how the Hex color CA488E looks on a white background.

Color Contrast Check

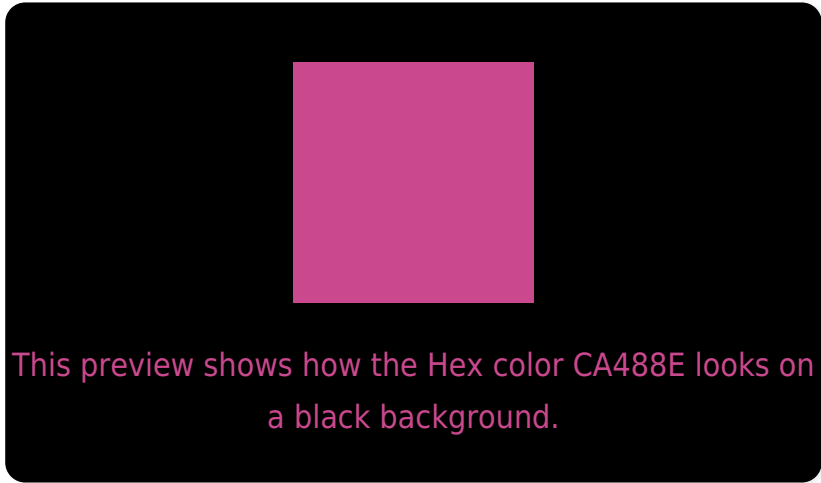
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA488E Background



This preview shows how black text looks on a background with the Hex color CA488E.




This preview shows how white text looks on a background with the Hex color CA488E.

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
C6555A

Trichromacy



Original Color
CA488E



Protanomaly
8C67A4



Deuteranomaly
9A658A

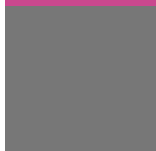


Tritanomaly
C7506D

Monochromacy



Original Color
CA488E



Achromatopsia
777777



Achromatomaly
95667F

CSS Examples

Text

The CSS property to change the color of the text to Hex CA488E 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 #CA488E looks like.

```
.text, #text, p{  
    color:#CA488E  
}
```

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 #CA488E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA488E
}
```

Border

The CSS property to change the border of an element to Hex CA488E 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
#CA488E }
```

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

```
.border{ border-color:#CA488E }
```

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

Here you see how a box with a 4 pixel #CA488E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA488E; -webkit-box-shadow:4px 4px  
4px 4px #CA488E; box-shadow:4px 4px 4px  
4px #CA488E }
```

Background

The CSS property to change the background color of an element to Hex CA488E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA488E }
```

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

```
.background{ background-color:#CA488E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor