

Converting Colors

Hex(CA4B71)

Have a look what the booklet for
Hex(CA4B71) contains.

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Color

Hex(CA4B71)

Conversions

Conversions Part 1

Format	Color
Hex	CA4B71
RGB	202, 75, 113
RGB Percent	79%, 29%, 44%
CMY	0.2078, 0.7059, 0.5569
CMYK	0.00, 0.63, 0.44, 0.21
HSL	342°, 55%, 54%
HSV	342°, 63%, 79%
XYZ	29.8538, 18.7810, 17.6744
YIQ	117.3050, 63.4940, 38.7420

Conversions

Conversions Part 2

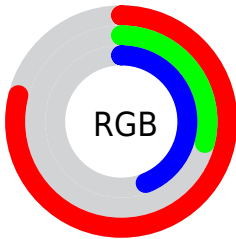
Format	Color
R_{YB}	202, 75, 113
Decimal	13257585
CIE _{Lab}	50.43, 53.54, 5.43
CIE _{LCh}	50, 53.818, 5.795
Yxy	18.7810, 0.4502, 0.2832
Android (android.graphics.Color)	4291447665 (0xFFCA4B71)
YUV	117.3050, -2.1224, 74.2775
Hunter-Lab	43.3370, 47.1246, 6.1553

Details

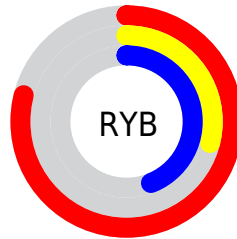
The Hex color **CA4B71** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4BCAA4**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF82A5**, and **8F0841** is the 20% darker color. If you saturate the color by 10%, you get **CA3763**, and if you desaturate by 10%, it is **CA5F7F**.

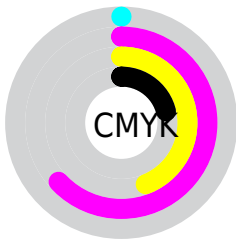
Distribution



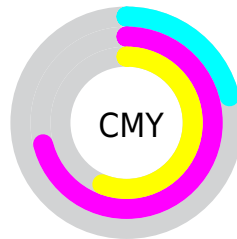
- Red (79%)
- Green (29%)
- Blue (44%)



- Red (79%)
- Yellow (29%)
- Blue (44%)



- Cyan (0%)
- Magenta (63%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA4B71 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 CA4B71 by changing the saturation by 10% instead.

CA4B71

CA4B71

FFFFFF

AC2E59

FF82A5

8F0841

FF9EC0

72002C

FFBADB

560018

FFD7F8

3D0002

FFF4FF

190001

000000

CA4B71

CA4B71

CA3763

CA5F7F

 CA2355

 CA738D

 CA0E47

 CA889B

 CA003C

 CA9CAA

 CAB0B8

 CAC4C6

 CAD8D4

 CAEDE2

 CAFFF0

Harmonies

Analogous

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



B6549F



CA4B71



C55545

Triad

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



CA4B71



578427



0087CB

Complementary

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



CA4B71



4BCAA4

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.



008DAD



CA4B71



008B50

Square

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



CA4B71



87790C



008E80



047AD4

Rectangle

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



CA4B71



B6612B



008E80



0089C3

Sweetspot

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



CA4B71



FFCFDD



A44BCA



80626B



000000



808080

Same Dimension

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



CA4B71



FF4079



CA644B



665C5F



A60032



26000B

Inverse Universe

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



CA4B71



FF4079



4BB1CA



665C5F



A60032



26000B

Previews

White Background



This preview shows how the Hex color CA4B71 looks on a white background.

Color Contrast Check

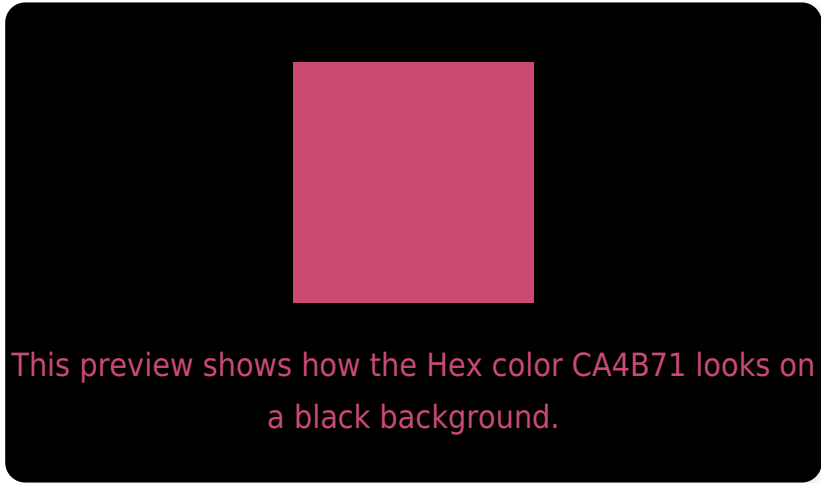
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA4B71 Background



This preview shows how black text looks on a background with the Hex color CA4B71.

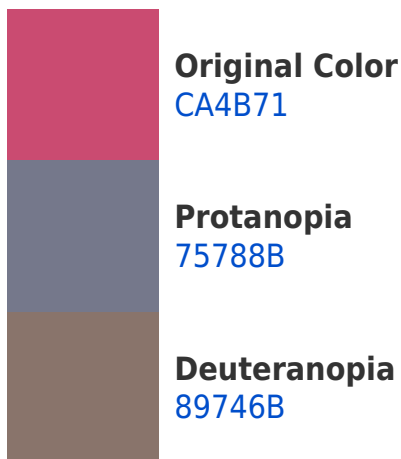


This preview shows how white text looks on a background with the Hex color CA4B71.

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](#).

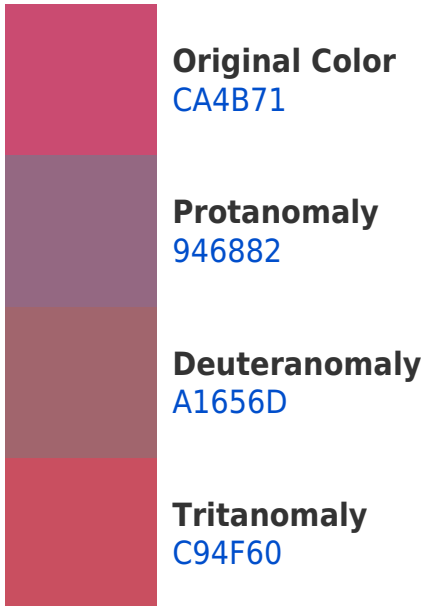
Dichromacy





Tritanopia
C85156

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA4B71 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 #CA4B71 looks like.

```
.text, #text, p{  
    color:#CA4B71  
}
```

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 #CA4B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4B71
}
```

Border

The CSS property to change the border of an element to Hex CA4B71 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
#CA4B71 }
```

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

```
.border{ border-color:#CA4B71 }
```

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

Here you see how a box with a 4 pixel #CA4B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4B71; -webkit-box-shadow:4px 4px  
4px 4px #CA4B71; box-shadow:4px 4px 4px  
4px #CA4B71 }
```

Background

The CSS property to change the background color of an element to Hex CA4B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4B71 }
```

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

```
.background{ background-color:#CA4B71 }
```

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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