

Converting Colors

Hex(CB4475)

Have a look what the booklet for
Hex(CB4475) contains.

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Color

Hex(CB4475)

Conversions

Conversions Part 1

Format	Color
Hex	CB4475
RGB	203, 68, 117
RGB Percent	80%, 27%, 46%
CMY	0.2039, 0.7333, 0.5412
CMYK	0.00, 0.67, 0.42, 0.20
HSL	338°, 56%, 53%
HSV	338°, 67%, 80%
XYZ	29.9066, 18.1151, 18.7499
YIQ	113.9510, 64.7310, 43.8590

Conversions

Conversions Part 2

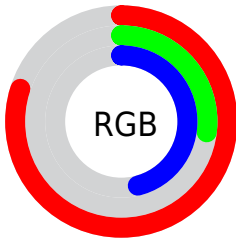
Format	Color
R_{YB}	203, 68, 117
Decimal	13321333
CIE _{Lab}	49.64, 57.17, 1.89
CIE _{LCh}	50, 57.199, 1.898
Yxy	18.1151, 0.4479, 0.2713
Android (android.graphics.Color)	4291511413 (0xFFCB4475)
YUV	113.9510, 1.5032, 78.0960
Hunter-Lab	42.5618, 50.9420, 3.6740

Details

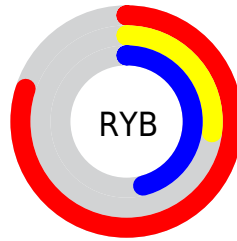
The Hex color **CB4475** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **44CB9A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7CA9**, and **900045** is the 20% darker color. If you saturate the color by 10%, you get **CB3068**, and if you desaturate by 10%, it is **CB5882**.

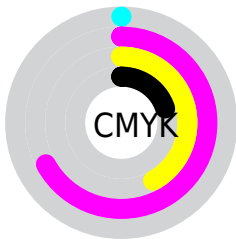
Distribution



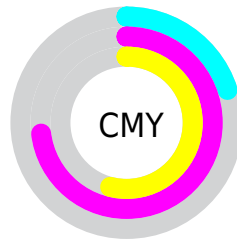
- Red (80%)
- Green (27%)
- Blue (46%)



- Red (80%)
- Yellow (27%)
- Blue (46%)



- Cyan (0%)
- Magenta (67%)
- Yellow (42%)
- Black (20%)



- Cyan (20%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB4475 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 CB4475 by changing the saturation by 10% instead.

 CB4475

 CB4475

FFFFFF

 AD255C

 FF7CA9

 900045

 FF98C4

 73002F

 FFB4E0

 57001B

 FFD1FD

 3E0003

 FFE0FF

 190001

 000000

 CB4475

 CB4475

 CB3068

 CB5882

 CB1B5B

 CB6D8F

 CB074E

 CB819C

 CB004A

 CB95A9

 CBAAB6

 CBBEC3

 CBD2D0

 CBE6DC

 CBFBE9

Harmonies

Analogous

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



B251A5



CB4475



C84D46

Triad

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



CB4475



598217



0087CB

Complementary

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



CB4475



44CB9A

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.



008CA8



CB4475



008946

Square

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



CB4475



8B7500



008C78



007BD8

Rectangle

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



CB4475



BB5B29



008C78



0089C2

Sweetspot

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



CB4475



FFCCDF



9A44CB



80616C



000000



808080

Same Dimension

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



CB4475



FF337D



CB5644



665C60



A6003C



26000E

Inverse Universe

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



CB4475



FF337D



44B9CB



665C60



A6003C



26000E

Previews

White Background



This preview shows how the Hex color CB4475 looks on a white background.

Color Contrast Check

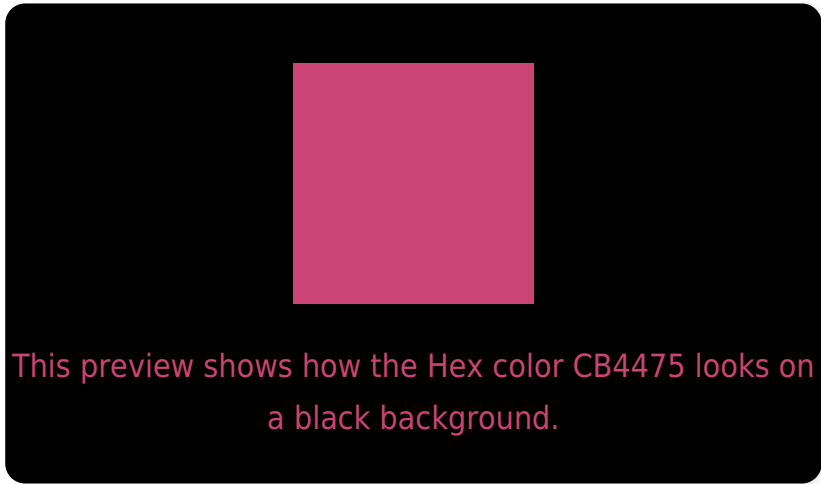
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 CB4475 Background



This preview shows how black text looks on a background with the Hex color CB4475.



This preview shows how white text looks on a background with the Hex color CB4475.

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](#).

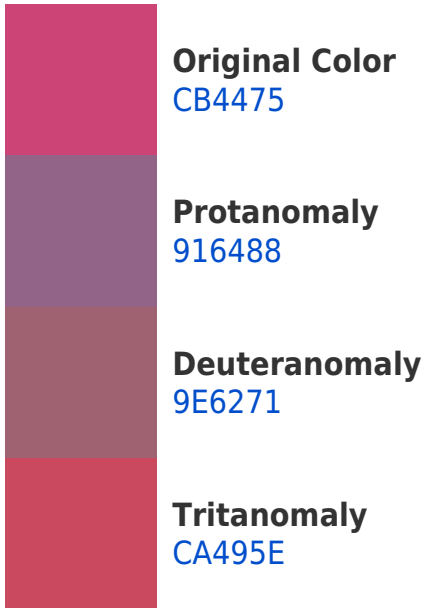
Dichromacy





Tritanopia
C94C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB4475 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 #CB4475 looks like.

```
.text, #text, p{  
    color:#CB4475  
}
```

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 #CB4475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB4475
}
```

Border

The CSS property to change the border of an element to Hex CB4475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

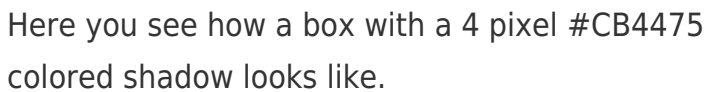
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB4475 }
```

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

```
.border{ border-color:#CB4475 }
```

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



Here you see how a box with a 4 pixel #CB4475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB4475; -webkit-box-shadow:4px 4px  
4px 4px #CB4475; box-shadow:4px 4px 4px  
4px #CB4475 }
```

Background

The CSS property to change the background color of an element to Hex CB4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB4475 }
```

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

```
.background{ background-color:#CB4475 }
```

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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