

# Converting Colors

Hex(C445A4)

Have a look what the booklet for  
Hex(C445A4) contains.

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**Color**

**Hex(C445A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C445A4
RGB	196, 69, 164
RGB Percent	77%, 27%, 64%
CMY	0.2314, 0.7294, 0.3569
CMYK	0.00, 0.65, 0.16, 0.23
HSL	315°, 52%, 52%
HSV	315°, 65%, 77%
XYZ	31.5939, 18.6723, 37.0609
YIQ	117.8030, 45.1970, 56.4690

# Conversions

## Conversions Part 2

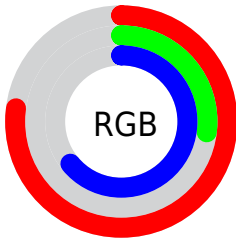
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 69, 164
Decimal	12862884
CIE <sub>Lab</sub>	50.30, 60.57, -25.33
CIE <sub>LCh</sub>	50, 65.657, 337.308
Yxy	18.6723, 0.3618, 0.2138
Android (android.graphics.Color)	4291052964 (0xFFC445A4)
YUV	117.8030, 22.7751, 68.5788
Hunter-Lab	43.2115, 54.8894, -20.6028

# Details

The Hex color **C445A4** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **45C465**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7DDB**, and **8B0070** is the 20% darker color. If you saturate the color by 10%, you get **C4319F**, and if you desaturate by 10%, it is **C459A9**.

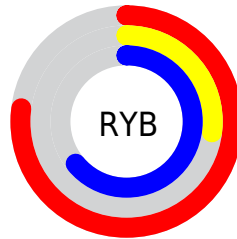
# Distribution



Red (77%)

Green (27%)

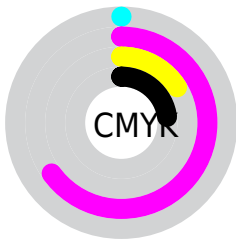
Blue (64%)



Red (77%)

Yellow (27%)

Blue (64%)

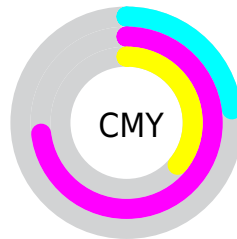


Cyan (0%)

Magenta (65%)

Yellow (16%)

Black (23%)



Cyan (23%)

Magenta (73%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C445A4 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 C445A4 by changing the saturation by 10% instead.



 C445A4

 C445A4

FFFFFF

 A7268A

 FF7DDB

 8B0070

 FF99F8

 6F0057

 FFB6FF

 540040

 FFD3FF

 3B002A

 FFF0FF

 1C0013

 000000

 C445A4

 C445A4

 C4319F

 C459A9

 C41E9A

 C46CAE

 C40A95

 C480B3

 C40093

 C493B8

 C4A7BD

 C4BBC2

 C4CEC7

 C4E2CC

 C4F5D0

# Harmonies

## Analogous

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



8962D1



C445A4



D9376C

# Triad

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



C445A4



847A00



0090BA

# Complementary

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



C445A4



45C465

# 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.



009184



C445A4



478709

# Square

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



C445A4



B26500



008E4A



0089DF

# Rectangle

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



C445A4



D74148



008E4A



0090AA



# Sweetspot

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



C445A4



FFCFF3



6545C4



806278



000000



808080



# Same Dimension

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



C445A4



FF38CD



C44565



61575E



A10078



210019



# Inverse Universe

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



C445A4



FF38CD



45C4A4



61575E



A10078



210019



# Previews

## White Background



This preview shows how the Hex color C445A4 looks on a white background.

## Color Contrast Check

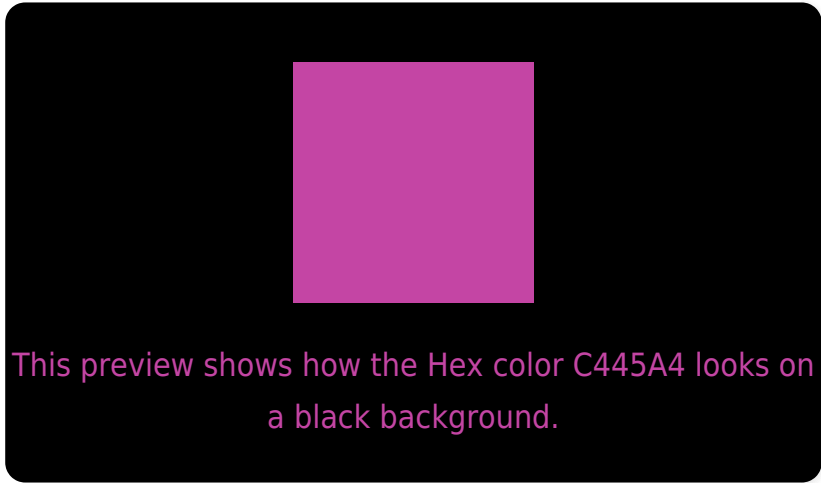
Large Text (above 18pt) WCAG AA ✓ Pass

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

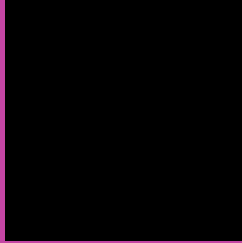
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C445A4 Background



This preview shows how black text looks on a background with the Hex color C445A4.



This preview shows how white text looks on a background with the Hex color C445A4.

# 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





# Trichromacy



**Original Color**  
C445A4



**Protanomaly**  
7D64BD



**Deuteranomaly**  
8F649F



**Tritanomaly**  
C05177

# Monochromacy



**Original Color**  
C445A4



**Achromatopsia**  
767676



**Achromatomaly**  
926487

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C445A4 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 #C445A4 looks like.

```
.text, #text, p{  
    color:#C445A4  
}
```

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 #C445A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C445A4
}
```

## Border

The CSS property to change the border of an element to Hex C445A4 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
#C445A4 }
```

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

```
.border{ border-color:#C445A4 }
```

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

Here you see how a box with a 4 pixel #C445A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C445A4; -webkit-box-shadow:4px 4px  
4px 4px #C445A4; box-shadow:4px 4px 4px  
4px #C445A4 }
```

# Background

The CSS property to change the background color of an element to Hex C445A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C445A4 }
```

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

```
.background{ background-color:#C445A4 }
```

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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