

# Converting Colors

Hex(C452A7)

Have a look what the booklet for  
Hex(C452A7) contains.

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# Color

**Hex(C452A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C452A7
RGB	196, 82, 167
RGB Percent	77%, 32%, 65%
CMY	0.2314, 0.6784, 0.3451
CMYK	0.00, 0.58, 0.15, 0.23
HSL	315°, 49%, 55%
HSV	315°, 58%, 77%
XYZ	32.7573, 20.5604, 38.8013
YIQ	125.7760, 40.6590, 50.6030

# Conversions

## Conversions Part 2

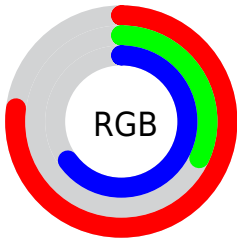
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 82, 167
Decimal	12866215
CIELab	52.46, 55.45, -23.75
CIELCh	52, 60.323, 336.813
Yxy	20.5604, 0.3556, 0.2232
Android (android.graphics.Color)	4291056295 (0xFFC452A7)
YUV	125.7760, 20.3234, 61.5864
Hunter-Lab	45.3435, 49.6016, -18.9950

# Details

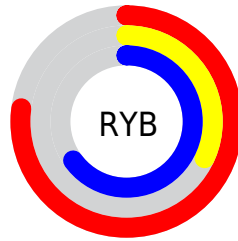
The Hex color **C452A7** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **52C46F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF89DE**, and **8B1573** is the 20% darker color. If you saturate the color by 10%, you get **C43EA2**, and if you desaturate by 10%, it is **C466AC**.

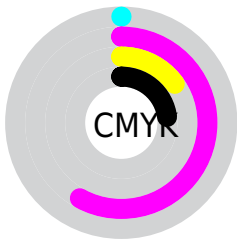
# Distribution



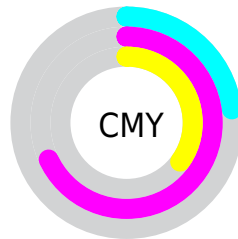
- Red (77%)
- Green (32%)
- Blue (65%)



- Red (77%)
- Yellow (32%)
- Blue (65%)



- Cyan (0%)
- Magenta (58%)
- Yellow (15%)
- Black (23%)



- Cyan (23%)
- Magenta (68%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C452A7 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 C452A7 by changing the saturation by 10% instead.



 C452A7

 C452A7

FFFFFF

 A7368C

 FF89DE

 8B1573

 FFA5FB

 70005A

 FFC1FF

 550042

 FFDEFF

 3C002C

 FFFBFF

 200016

 000000

 C452A7

 C452A7

 C43EA2

 C466AC

 C42B9D

 C479B1

 C41798

 C48DB6

 C40493

 C4A0BB

 C40092

 C4B4C0

 C4C8C5

 C4DBCA

 C4EFCF

 C4FFD4

# Harmonies

## Analogous

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



8D6AD1



C452A7



D94774

# Triad

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



C452A7



8B7F00



0094BA

# Complementary

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



C452A7



52C46F

# 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.



009588



C452A7



548B20

# Square

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



C452A7



B66B14



009252



008DDC

# Rectangle

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



C452A7



D74E52



009252



0095AB



# Sweetspot

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



C452A7



FFD4F4



6F52C4



806679



000000



808080



# Same Dimension

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



C452A7



FF4DD2



C4526F



61575E



A10078



210019



# Inverse Universe

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



C452A7



FF4DD2



52C4A8



61575E



A10078



210019



# Previews

## White Background



This preview shows how the Hex color C452A7 looks on a white background.

## Color Contrast Check

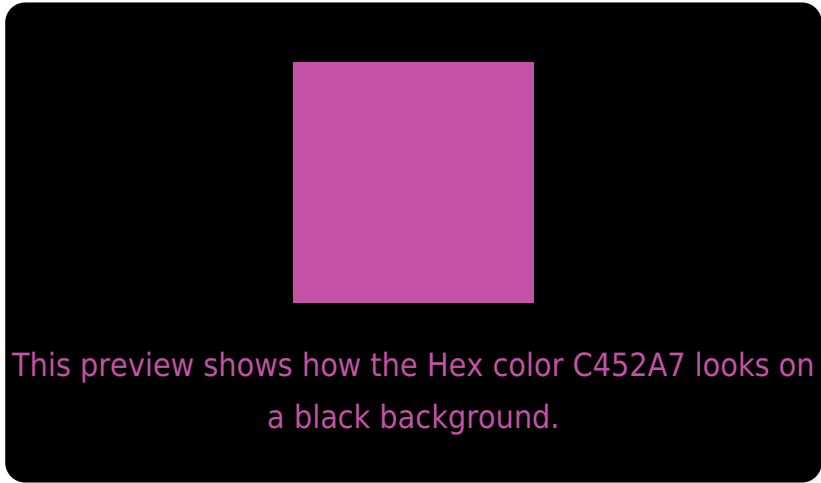
Large Text (above 18pt) WCAG AA ✓ Pass

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

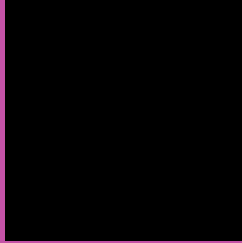
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C452A7 Background



This preview shows how black text looks on a background with the Hex color C452A7.

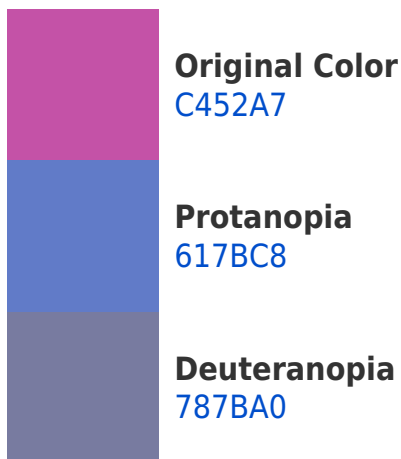


This preview shows how white text looks on a background with the Hex color C452A7.

# 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](#).

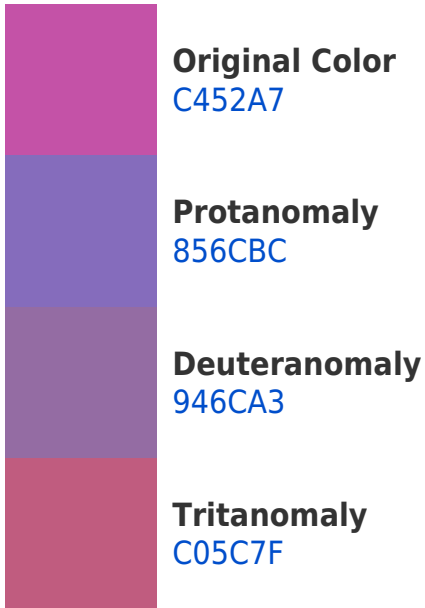
## Dichromacy





**Tritanopia**  
BE6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C452A7 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 #C452A7 looks like.

```
.text, #text, p{  
    color:#C452A7  
}
```

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 #C452A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C452A7
}
```

## Border

The CSS property to change the border of an element to Hex C452A7 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
#C452A7 }
```

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

```
.border{ border-color:#C452A7 }
```

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

Here you see how a box with a 4 pixel #C452A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C452A7; -webkit-box-shadow:4px 4px  
4px 4px #C452A7; box-shadow:4px 4px 4px  
4px #C452A7 }
```

# Background

The CSS property to change the background color of an element to Hex C452A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C452A7 }
```

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

```
.background{ background-color:#C452A7 }
```

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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