

# Converting Colors

Hex(C825B1)

Have a look what the booklet for  
Hex(C825B1) contains.

<b>Hex(C825B1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C825B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C825B1
RGB	200, 37, 177
RGB Percent	78%, 15%, 69%
CMY	0.2157, 0.8549, 0.3059
CMYK	0.00, 0.81, 0.12, 0.22
HSL	308°, 69%, 46%
HSV	308°, 82%, 78%
XYZ	32.4168, 16.7768, 43.1247
YIQ	101.6970, 52.2080, 78.0960

# Conversions

## Conversions Part 2

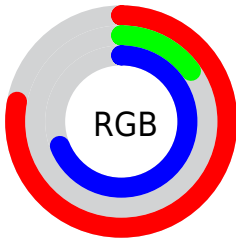
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 37, 177
Decimal	13116849
CIE <sub>Lab</sub>	47.98, 73.57, -36.57
CIE <sub>LCh</sub>	48, 82.161, 333.570
Yxy	16.7768, 0.3511, 0.1817
Android (android.graphics.Color)	4291306929 (0xFFC825B1)
YUV	101.6970, 37.1244, 86.2117
Hunter-Lab	40.9595, 69.5920, -33.7525

# Details

The Hex color **C825B1** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **25C83C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF67E9**, and **8E007C** is the 20% darker color. If you saturate the color by 10%, you get **C811AE**, and if you desaturate by 10%, it is **C839B4**.

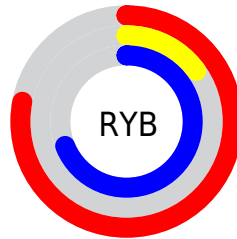
# Distribution



Red (78%)

Green (15%)

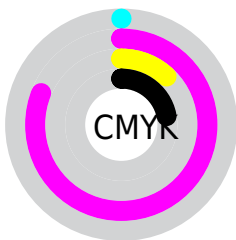
Blue (69%)



Red (78%)

Yellow (15%)

Blue (69%)

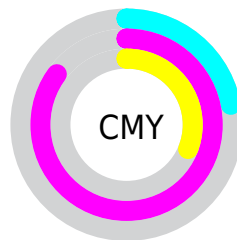


Cyan (0%)

Magenta (81%)

Yellow (12%)

Black (22%)



Cyan (22%)

Magenta (85%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C825B1 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 C825B1 by changing the saturation by 10% instead.



 C825B1

 C825B1

FFFFFF

 AB0096

 FF67E9

 8E007C

 FF85FF

 710062

 FFA2FF

 55004A

 FFBFFF

 3B0033

 FFDDFF

 1C001D

 FFFBFF

 000000

 C825B1

 C825B1

 C811AE

 C839B4

 C800AC

 C84DB7

 C861B9

 C875BC

 C889BF

 C89DC2

 C8B1C5

 C8C5C8

 C8D9CA

# Harmonies

## Analogous

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



735AE7



C825B1



E6006D

# Triad

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



C825B1



847200



008EBE

# Complementary

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



C825B1



25C83C

# 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.



008E79



C825B1



378200

# Square

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



C825B1



BA5500



008A2E



0089EF

# Rectangle

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



C825B1



E40040



008A2E



008EA8



# Sweetspot

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



C825B1



FFC2F6



3B25C8



805B7A



000000



808080



# Same Dimension

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



C825B1



FF05DC



C82561



635A62



A3008C



24001F



# Inverse Universe

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



C825B1



FF05DC



25C88C



635A62



A3008C



24001F



# Previews

## White Background



This preview shows how the Hex color C825B1 looks on a white background.

## Color Contrast Check

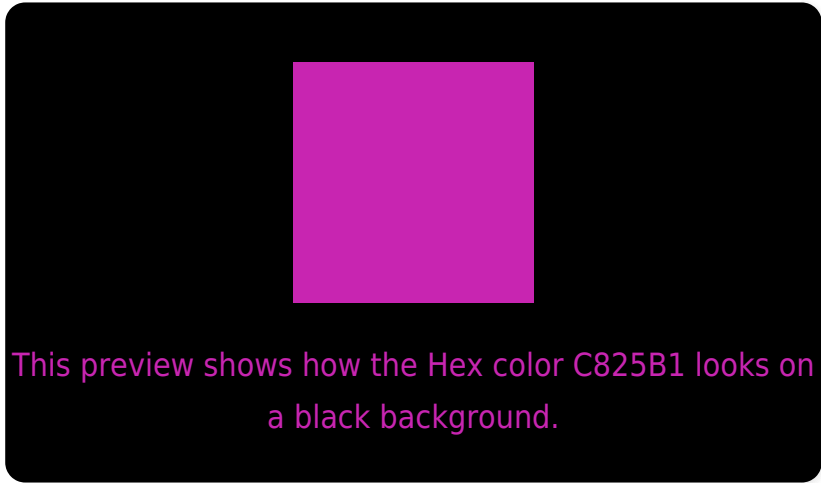
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

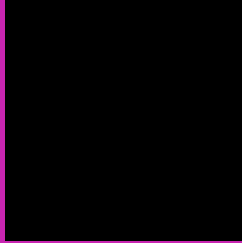
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C825B1 Background



This preview shows how black text looks on a background with the Hex color C825B1.

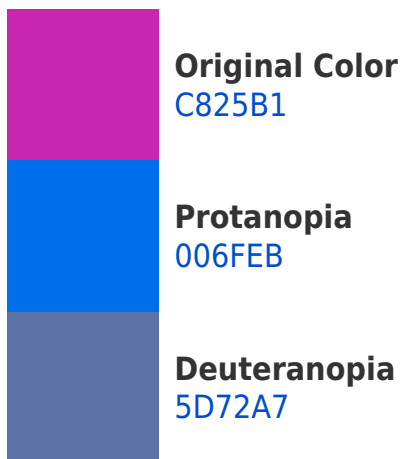


This preview shows how white text looks on a background with the Hex color C825B1.

# 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](#).

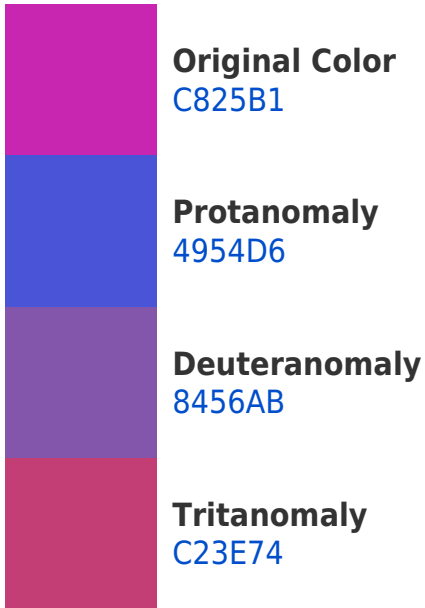
## Dichromacy



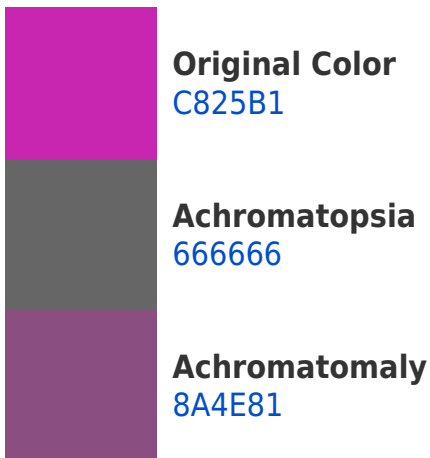


**Tritanopia**  
BF4C51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C825B1 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 #C825B1 looks like.

```
.text, #text, p{  
    color:#C825B1  
}
```

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 #C825B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C825B1
}
```

## Border

The CSS property to change the border of an element to Hex C825B1 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
#C825B1 }
```

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

```
.border{ border-color:#C825B1 }
```

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

Here you see how a box with a 4 pixel #C825B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C825B1; -webkit-box-shadow:4px 4px  
4px 4px #C825B1; box-shadow:4px 4px 4px  
4px #C825B1 }
```

# Background

The CSS property to change the background color of an element to Hex C825B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C825B1 }
```

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

```
.background{ background-color:#C825B1 }
```

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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