

# Converting Colors

Hex(C24BC5)

Have a look what the booklet for  
Hex(C24BC5) contains.

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# Color

Hex(C24BC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	C24BC5
RGB	194, 75, 197
RGB Percent	76%, 29%, 77%
CMY	0.2392, 0.7059, 0.2275
CMYK	0.02, 0.62, 0.00, 0.23
HSL	299°, 51%, 53%
HSV	299°, 62%, 77%
XYZ	34.8423, 20.5327, 54.9501
YIQ	124.4890, 31.7620, 63.1700

# Conversions

## Conversions Part 2

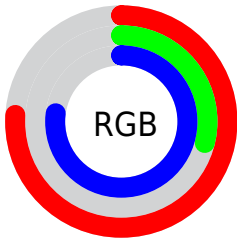
Format	Color
<a href="#">RYB</a>	<a href="#">194, 75, 197</a>
Decimal	<a href="#">12733381</a>
CIELab	<a href="#">52.43, 62.87, -41.24</a>
CIElCh	<a href="#">52, 75.189, 326.734</a>
Yxy	<a href="#">20.5327, 0.3158, 0.1861</a>
Android (android.graphics.Color)	<a href="#">4290923461 (0xFFC24BC5)</a>
YUV	<a href="#">124.4890, 35.7479, 60.9611</a>
Hunter-Lab	<a href="#">45.3130, 57.9551, -40.1806</a>

# Details

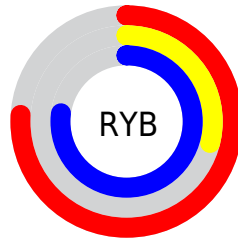
The Hex color **C24BC5** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **4EC54B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FD83FE**, and **89008F** is the 20% darker color. If you saturate the color by 10%, you get **C237C5**, and if you desaturate by 10%, it is **C25FC5**.

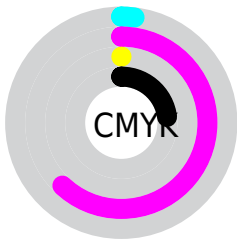
# Distribution



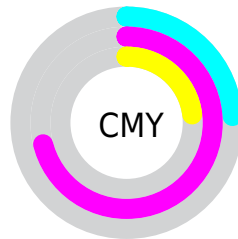
- Red (76%)
- Green (29%)
- Blue (77%)



- Red (76%)
- Yellow (29%)
- Blue (77%)



- Cyan (2%)
- Magenta (62%)
- Yellow (0%)
- Black (23%)



- Cyan (24%)
- Magenta (71%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C24BC5 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 C24BC5 by changing the saturation by 10% instead.



 C24BC5

 C24BC5

FFFFFF

 A52DA9

 FD83FE

 89008F

 FF9FFF

 6D0075

 FFBCFF

 52005B

 FFD9FF

 390043

 FFF6FF

 1D002C

 000116

 000000

 C24BC5

 C24BC5

 C237C5

 C25FC5

 C124C5

 C372C5

 C110C5

 C386C5

 C000C5

 C49AC5

 C4AEC5

 C5C1C5

 C5D5C5

 C6E9C5

 C6FCC5

# Harmonies

## Analogous

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



656FF2



C24BC5



E82987

# Triad

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



C24BC5



9D7800



0099B6

# Complementary

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



C24BC5



4EC54B

# 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.



009874



C24BC5



5F8A00

# Square

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



C24BC5



CD5C00



00942F



0094E9

# Rectangle

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



C24BC5



EC2D5C



00942F



0099A1



# Sweetspot

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



C24BC5



FECFFF



4B4FC5



7F6280



000000



808080



# Same Dimension

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



C24BC5



FA42FF



C54B8C



635A63



9F00A3



230024



# Inverse Universe

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



C54B4E



FF4247



4BC584



635A5A



A30004



240001



# Previews

## White Background



This preview shows how the Hex color C24BC5 looks on a white background.

## Color Contrast Check

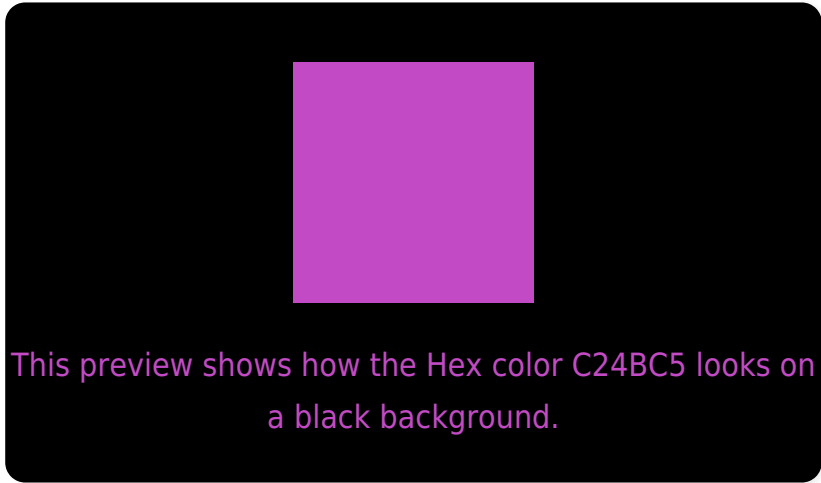
Large Text (above 18pt) WCAG AA ✓ Pass

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

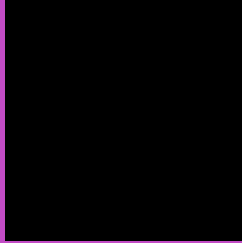
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C24BC5 Background



This preview shows how black text looks on a background with the Hex color C24BC5.

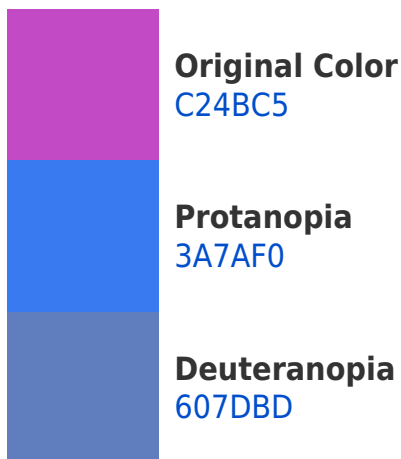



This preview shows how white text looks on a background with the Hex color C24BC5.

# 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](#).

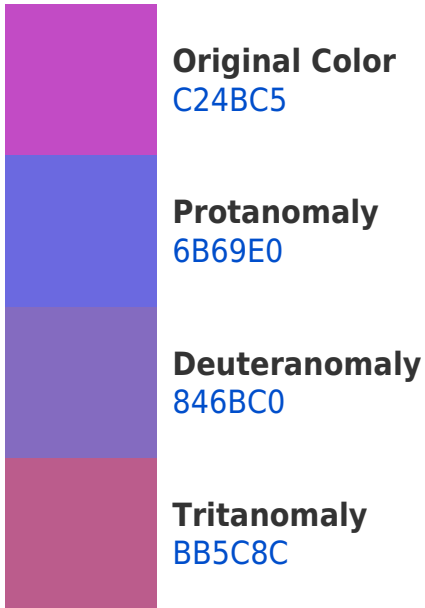
## Dichromacy



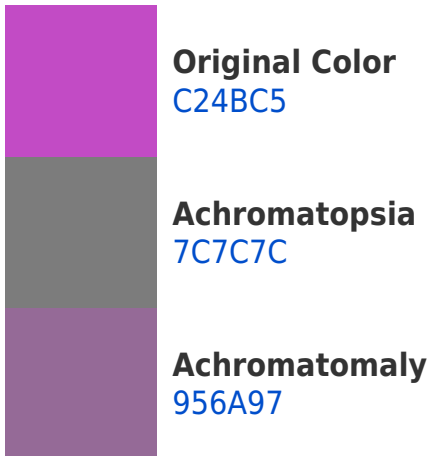


**Tritanopia**  
B7656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C24BC5 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 #C24BC5 looks like.

```
.text, #text, p{  
    color:#C24BC5  
}
```

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 #C24BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C24BC5 }  
}
```

## Border

The CSS property to change the border of an element to Hex C24BC5 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 #C24BC5 }  
}
```

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

```
.border{ border-color:#C24BC5 }
```

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

Here you see how a box with a 4 pixel #C24BC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C24BC5; -webkit-box-shadow:4px 4px  
4px 4px #C24BC5; box-shadow:4px 4px 4px  
4px #C24BC5 }
```

# Background

The CSS property to change the background color of an element to Hex C24BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C24BC5 }
```

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

```
.background{ background-color:#C24BC5 }
```

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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