

# Converting Colors

Hex(C35DC2)

Have a look what the booklet for  
Hex(C35DC2) contains.

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# Color

**Hex(C35DC2)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C35DC2
RGB	195, 93, 194
RGB Percent	76%, 36%, 76%
CMY	0.2353, 0.6353, 0.2392
CMYK	0.00, 0.52, 0.01, 0.24
HSL	301°, 46%, 56%
HSV	301°, 52%, 76%
XYZ	36.1576, 23.3258, 53.6356
YIQ	135.0120, 28.3710, 53.0350

# Conversions

## Conversions Part 2

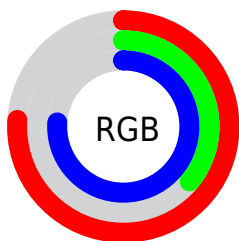
Format	Color
<a href="#">RYB</a>	<a href="#">195, 93, 194</a>
Decimal	<a href="#">12803522</a>
CIELab	<a href="#">55.41, 54.50, -34.84</a>
CIELCh	<a href="#">55, 64.687, 327.414</a>
Yxy	<a href="#">23.3258, 0.3196, 0.2062</a>
Android (android.graphics.Color)	<a href="#">4290993602</a> (0xFFC35DC2)
YUV	<a href="#">135.0120, 29.0811, 52.6095</a>
Hunter-Lab	<a href="#">48.2968, 49.1153, -32.0361</a>

# Details

The Hex color **C35DC2** 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 **5DC35E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FE93FB**, and **8B258C** is the 20% darker color. If you saturate the color by 10%, you get **C34AC2**, and if you desaturate by 10%, it is **C370C2**.

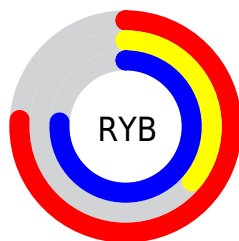
# Distribution



Red (76%)

Green (36%)

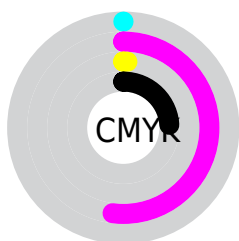
Blue (76%)



Red (76%)

Yellow (36%)

Blue (76%)

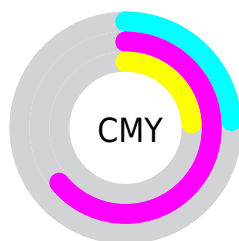


Cyan (0%)

Magenta (52%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (64%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C35DC2 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 C35DC2 by changing the saturation by 10% instead.



 C35DC2

FFFFFF

 FE93FB

 FFAFFF

 FFCCFF

 FFE9FF

 C35DC2

 A742A7

 8B258C

 6F0072

 550059

 3B0041

 23002B

 000114

 000000

 C35DC2

 C35DC2

 C34AC2

 C370C2

 C336C2

 C384C2

 C322C1

 C397C3

 C30FC1

 C3ABC3

 C300C1

 C3BEC3

 C3D2C3

 C3E5C3

 C3F9C4

 C3FFC4

# Harmonies

## Analogous

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



7978E9



C35DC2



E44A8C

# Triad

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



C35DC2



A38100



009EB7

# Complementary

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



C35DC2



5DC35E

# 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.



009E7E



C35DC2



6D9008

# Square

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



C35DC2



CD6A22



009A44



0099E3

# Rectangle

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



C35DC2



E84C67



009A44



009EA5



# Sweetspot

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



C35DC2



FCD4FC



5D5DC3



80677F



000000



808080



# Same Dimension

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



C35DC2



FC5DFB



C35D90



615761



A1009F



210021



# Inverse Universe

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



C35DC2



FC5DFB



5DC390



615761



A1009F



210021



# Previews

## White Background



This preview shows how the Hex color C35DC2 looks on a white background.

## Color Contrast Check

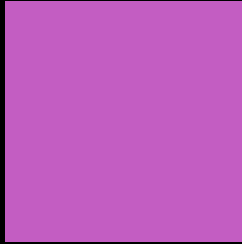
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color C35DC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

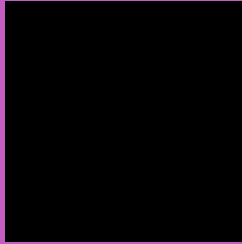
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C35DC2 Background



This preview shows how black text looks on a background with the Hex color C35DC2.

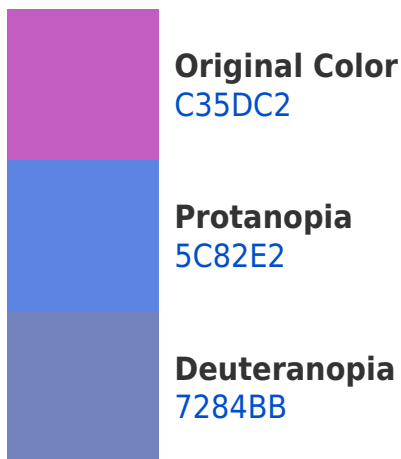


This preview shows how white text looks on a background with the Hex color C35DC2.

# Color Blindness Simulation

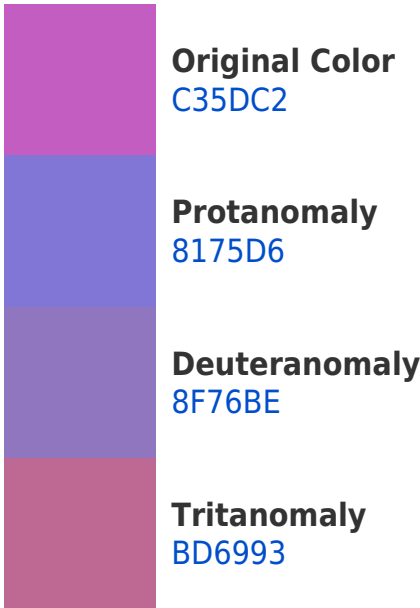
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C35DC2 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 #C35DC2 looks like.

```
.text, #text, p{  
    color:#C35DC2  
}
```

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 #C35DC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35DC2
}
```

## Border

The CSS property to change the border of an element to Hex C35DC2 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
#C35DC2 }
```

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

```
.border{ border-color:#C35DC2 }
```

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

Here you see how a box with a 4 pixel #C35DC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35DC2; -webkit-box-shadow:4px 4px  
4px 4px #C35DC2; box-shadow:4px 4px 4px  
4px #C35DC2 }
```

# Background

The CSS property to change the background color of an element to Hex C35DC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35DC2 }
```

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

```
.background{ background-color:#C35DC2 }
```

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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