

# Converting Colors

Hex(C362DE)

Have a look what the booklet for  
Hex(C362DE) contains.

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# Color

Hex(C362DE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C362DE
RGB	195, 98, 222
RGB Percent	76%, 38%, 87%
CMY	0.2353, 0.6157, 0.1294
CMYK	0.12, 0.56, 0.00, 0.13
HSL	287°, 65%, 63%
HSV	287°, 56%, 87%
XYZ	40.0582, 25.6114, 71.9394
YIQ	141.1390, 18.0080, 59.1280

# Conversions

## Conversions Part 2

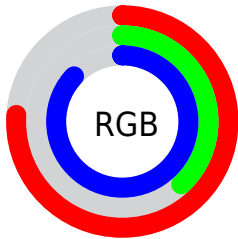
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 98, 222
Decimal	12804830
CIE <sub>Lab</sub>	57.67, 57.35, -47.18
CIE <sub>LCh</sub>	58, 74.264, 320.555
Yxy	25.6114, 0.2911, 0.1861
Android (android.graphics.Color)	4290994910 (0xFFC362DE)
YUV	141.1390, 39.8645, 47.2361
Hunter-Lab	50.6077, 52.7270, -48.8560

# Details

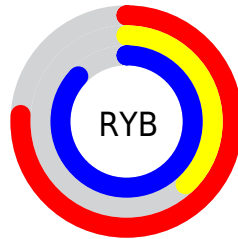
The Hex color **C362DE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7DDE62**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FE99FF**, and **8A2BA6** is the 20% darker color. If you saturate the color by 10%, you get **BE4CDE**, and if you desaturate by 10%, it is **C878DE**.

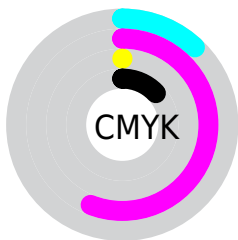
# Distribution



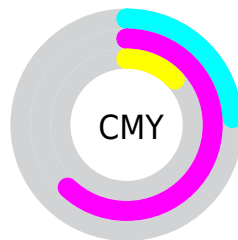
- Red (76%)
- Green (38%)
- Blue (87%)



- Red (76%)
- Yellow (38%)
- Blue (87%)



- Cyan (12%)
- Magenta (56%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (62%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C362DE 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 C362DE by changing the saturation by 10% instead.



 C362DE

 C362DE

FFFFFF

 A647C2

 FE99FF

 8A2BA6

 FFB5FF

 6F048B

 FFD1FF

 540071

 FFEEFF

 390058

 200040

 000029

 000113

 000000

 C362DE

 C362DE

 BE4CDE

 C878DE

 B936DE

 CD8EDE

 B41FDE

 D2A5DE

 B009DE

 D6BBDE

 AE00DE

 DBD1DE

 E0E7DE

 E5FDDE

 EAFFDE

 EFFFDE

# Harmonies

## Analogous

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



5582FF



C362DE



F343A2

# Triad

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



C362DE



B88000



00A7B6

# Complementary

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



C362DE



7DDE62

# 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.



00A673



C362DE



7D9500

# Square

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



C362DE



E46323



11A02F



00A4EE

# Rectangle

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



C362DE



FC3F76



11A02F



00A7A0



# Sweetspot

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



C362DE



F6D4FF



627FDE



7A6680



000000



808080



# Same Dimension

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



C362DE



DA54FF



DE62BD



6E6570



8A00B0



260030



# Inverse Universe

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



DE627D



FF5479



62DE83



706567



B00026

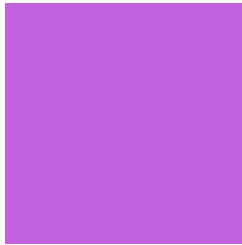


30000B



# Previews

## White Background



This preview shows how the Hex color C362DE 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

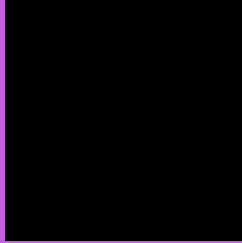
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C362DE Background



This preview shows how black text looks on a background with the Hex color C362DE.

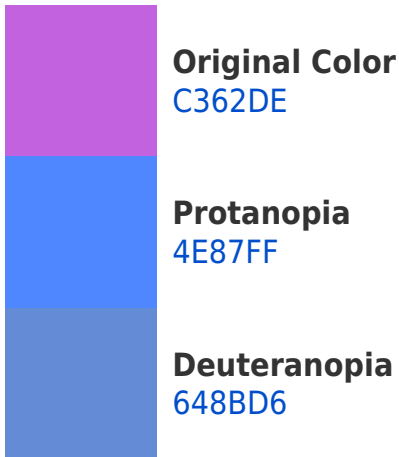



This preview shows how white text looks on a background with the Hex color C362DE.

# 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](#).

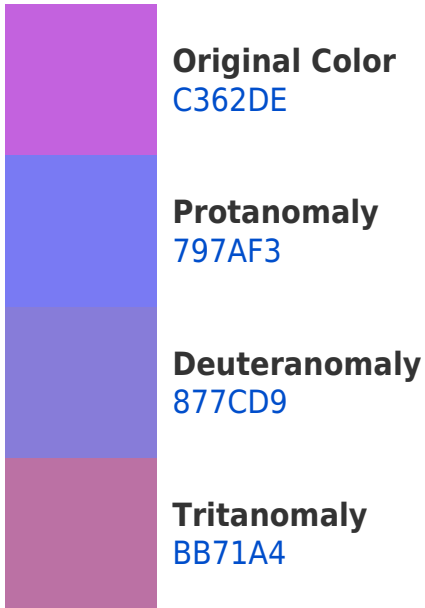
## Dichromacy



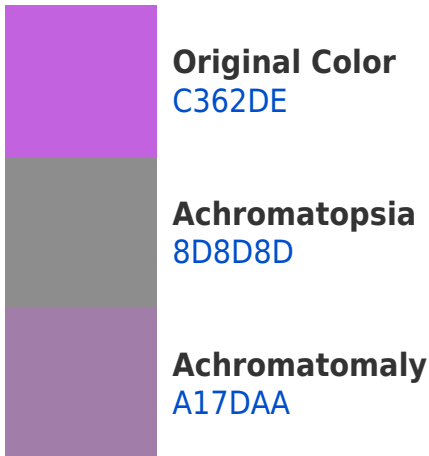


**Tritanopia**  
B67A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C362DE 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 #C362DE looks like.

```
.text, #text, p{  
    color:#C362DE  
}
```

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 #C362DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C362DE
}
```

## Border

The CSS property to change the border of an element to Hex C362DE 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".

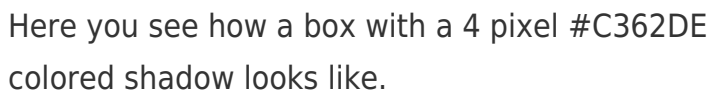
```
.border, #border, table{ border:4px solid
#C362DE }
```

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

```
.border{ border-color:#C362DE }
```

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

Here you see how a box with a 4 pixel #C362DE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a vertical purple bar on the right side of the box, suggesting a shadow effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C362DE; -webkit-box-shadow:4px 4px  
4px 4px #C362DE; box-shadow:4px 4px 4px  
4px #C362DE }
```

# Background

The CSS property to change the background color of an element to Hex C362DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C362DE }
```

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

```
.background{ background-color:#C362DE }
```

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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