

Converting Colors

Hex(C95DD2)

Have a look what the booklet for
Hex(C95DD2) contains.

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Color

Hex(C95DD2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C95DD2 |
| RGB | 201, 93, 210 |
| RGB Percent | 79%, 36%, 82% |
| CMY | 0.2118, 0.6353, 0.1765 |
| CMYK | 0.04, 0.56, 0.00, 0.18 |
| HSL | 295°, 57%, 59% |
| HSV | 295°, 56%, 82% |
| XYZ | 39.6346, 24.8994, 63.6898 |
| YIQ | 138.6300, 26.8110, 59.2830 |

Conversions

Conversions Part 2

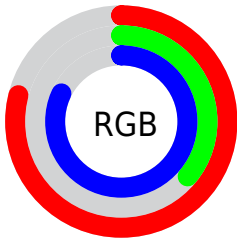
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 93, 210 |
| Decimal | 13196754 |
| CIE _{Lab} | 56.98, 58.99, -41.44 |
| CIE _{LCh} | 57, 72.093, 324.913 |
| Yxy | 24.8994, 0.3091, 0.1942 |
| Android (android.graphics.Color) | 4291386834 (0xFFC95DD2) |
| YUV | 138.6300, 35.1854, 54.6985 |
| Hunter-Lab | 49.8993, 54.4575, -40.7464 |

Details

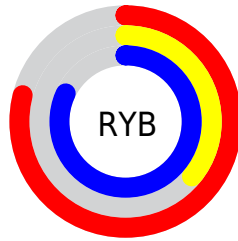
The Hex color **C95DD2** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **66D25D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF94FF**, and **90239B** is the 20% darker color. If you saturate the color by 10%, you get **C748D2**, and if you desaturate by 10%, it is **CB72D2**.

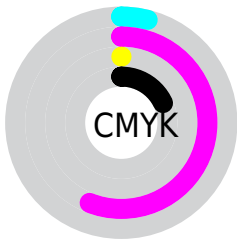
Distribution



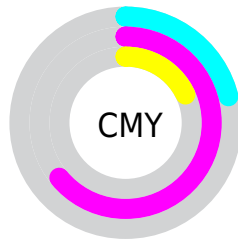
- Red (79%)
- Green (36%)
- Blue (82%)



- Red (79%)
- Yellow (36%)
- Blue (82%)



- Cyan (4%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color C95DD2 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 C95DD2 by changing the saturation by 10% instead.

 C95DD2

 C95DD2

FFFFFF

 AC41B6

 FF94FF

 90239B

 FFB0FF

 740080

 FFCDFE

 590067

 FFEAFF

 3F004E

 260037

 000020

 000004

 000000

 C95DD2

 C95DD2

 C748D2

 CB72D2

 C633D2

 CC87D2

 C41ED2

 CE9CD2

 C309D2

 CFB1D2

 C200D2

 D1C6D2

 D3DBD2

 D4F0D2

 D6FFD2

 D8FFD2

Harmonies

Analogous

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



6D7DFC



C95DD2



F14296

Triad

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



C95DD2



AE8200



00A5BC

Complementary

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



C95DD2



66D25D

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.



00A47C



C95DD2



729500

Square

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



C95DD2



DB671B



009F3A



00A0EF

Rectangle

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



C95DD2



F7436C



009F3A



00A5A7

Sweetspot

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



C95DD2



FCD4FF



5D67D2



7E6680



000000



808080

Same Dimension

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



C95DD2



F254FF



D25DA1



685E69



9B00A8



260029

Inverse Universe

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



D25D66



FF5461



5DD28E



695E5F



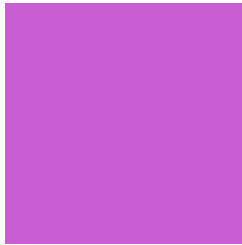
A8000D



290003

Previews

White Background



This preview shows how the Hex color C95DD2 looks on a white background.

Color Contrast Check

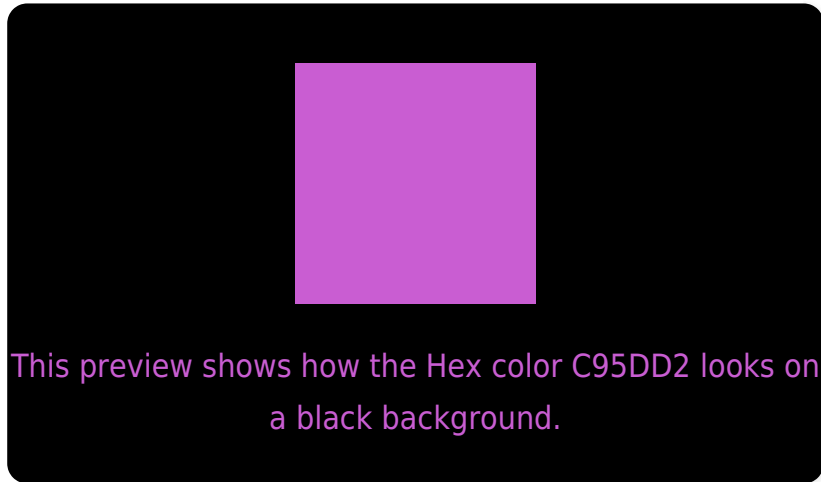
Large Text (above 18pt) WCAG AA ✓ Pass

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

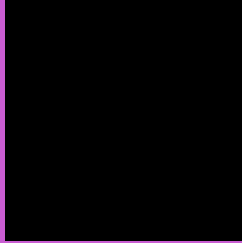
Any Text WCAG AA ✓ Pass

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 C95DD2 Background



This preview shows how black text looks on a background with the Hex color C95DD2.

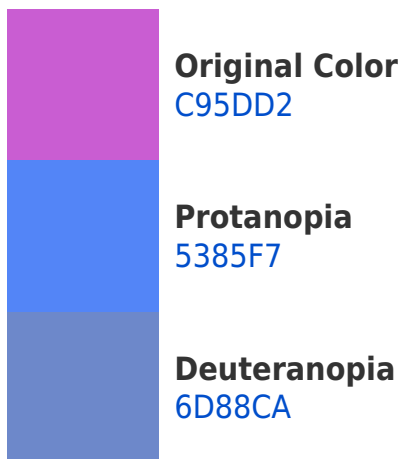



This preview shows how white text looks on a background with the Hex color C95DD2.

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](#).

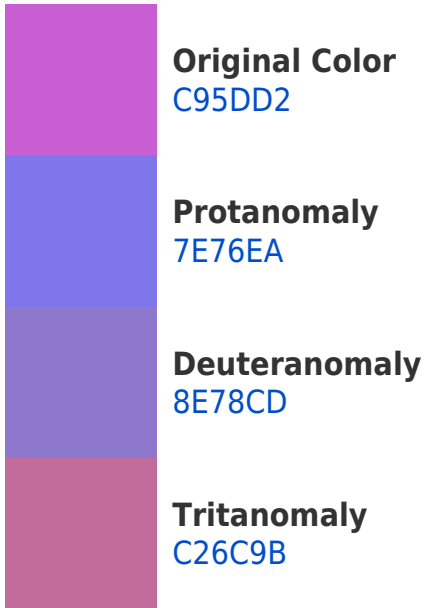
Dichromacy



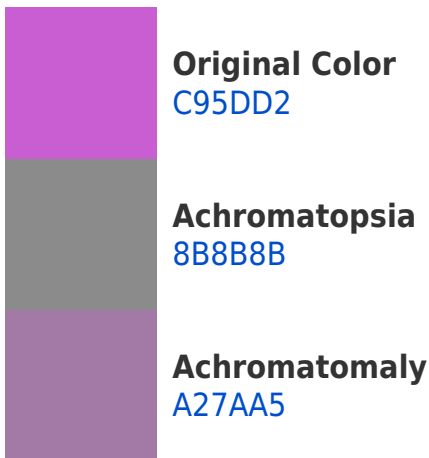


Tritanopia
BE747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C95DD2 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 #C95DD2 looks like.

```
.text, #text, p{  
    color:#C95DD2  
}
```

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 #C95DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C95DD2
}
```

Border

The CSS property to change the border of an element to Hex C95DD2 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
#C95DD2 }
```

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

```
.border{ border-color:#C95DD2 }
```

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

Here you see how a box with a 4 pixel #C95DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C95DD2; -webkit-box-shadow:4px 4px  
4px 4px #C95DD2; box-shadow:4px 4px 4px  
4px #C95DD2 }
```

Background

The CSS property to change the background color of an element to Hex C95DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C95DD2 }
```

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

```
.background{ background-color:#C95DD2 }
```

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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