

Converting Colors

Hex(C5A6D8)

Have a look what the booklet for
Hex(C5A6D8) contains.

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Color

Hex(C5A6D8)

Conversions

Conversions Part 1

Format	Color
Hex	C5A6D8
RGB	197, 166, 216
RGB Percent	77%, 65%, 85%
CMY	0.2275, 0.3490, 0.1529
CMYK	0.09, 0.23, 0.00, 0.15
HSL	277°, 39%, 75%
HSV	277°, 23%, 85%
XYZ	49.0568, 44.1006, 70.8924
YIQ	180.9690, 2.4260, 22.1220

Conversions

Conversions Part 2

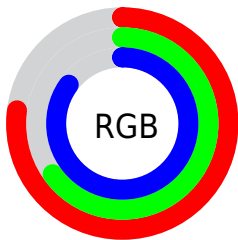
Format	Color
RYB	197, 166, 216
Decimal	12953304
CIELab	72.30, 20.49, -21.11
CIELCh	72, 29.418, 314.143
Yxy	44.1006, 0.2990, 0.2688
Android (android.graphics.Color)	4291143384 (0xFFC5A6D8)
YUV	180.9690, 17.2703, 14.0592
Hunter-Lab	66.4083, 15.6462, -16.8077

Details

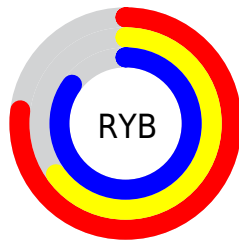
The Hex color **C5A6D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B9D8A6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FEDDFF**, and **8F72A1** is the 20% darker color. If you saturate the color by 10%, you get **BD90D8**, and if you desaturate by 10%, it is **CDBC8D**.

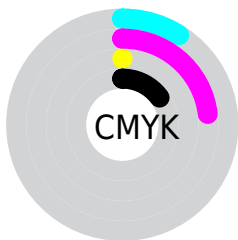
Distribution



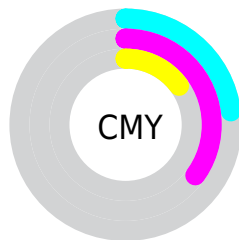
- Red (77%)
- Green (65%)
- Blue (85%)



- Red (77%)
- Yellow (65%)
- Blue (85%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5A6D8 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 C5A6D8 by changing the saturation by 10% instead.

 C5A6D8

 C5A6D8

FFFFFF

 AA8CBC

 FEDDFF

 8F72A1

 FFFAFF

 755987

 5C426D

 442B55

 2D163D

 1A0028

 000111

 000000

 C5A6D8

 C5A6D8

 BD90D8

 CDBCD8

 B57BD8

 D5D1D8

 AC65D8

 DEE7D8

 A450D8

 E6FCD8

 9C3AD8

 EEFFD8

 9424D8

 F6FFD8

 8C0FD8

 FEFFD8

 8600D8

 FFFFD8

Harmonies

Analogous

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



A1AFE5



C5A6D8



DE9FC1

Triad

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



C5A6D8



D1AB7E



62C0BD

Complementary

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



C5A6D8



B9D8A6

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.



7ABFA2



C5A6D8



B8B47D

Square

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



C5A6D8



E2A28D



99BB8A



60BED6

Rectangle

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



C5A6D8



E69DAE



99BB8A



69C0B4

Sweetspot

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



C5A6D8



F8EDFF



A6B9D8



7C7580



000000



808080

Same Dimension

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



C5A6D8



E4B8FF



D8A6D2



67606B



6A00AB



1B002B

Inverse Universe

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



D8A6B9



FFB8D3



A6D8AC



6B6064



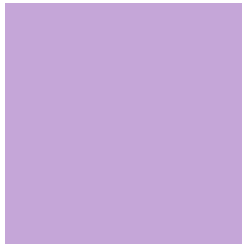
AB0041



2B0010

Previews

White Background



This preview shows how the Hex color C5A6D8 looks on a white background.

Color Contrast Check

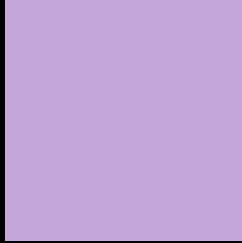
Large Text (above 18pt) WCAG AA × Fail

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 C5A6D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

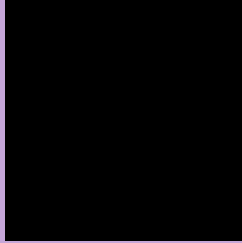
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C5A6D8 Background



This preview shows how black text looks on a background with the Hex color C5A6D8.

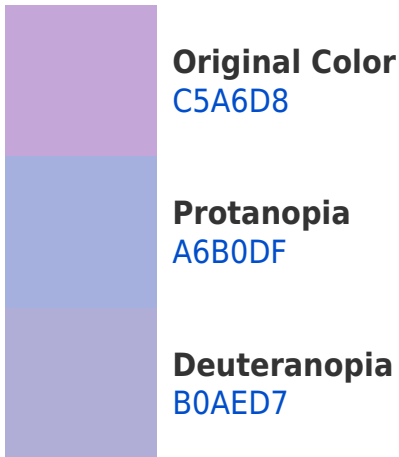


This preview shows how white text looks on a background with the Hex color C5A6D8.

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



Original Color
C5A6D8

Protanomaly
B1ACDC

Deuteranomaly
B8ABD7

Tritanomaly
C2AAC4

Monochromacy



Original Color
C5A6D8

Achromatopsia
B5B5B5

Achromatomaly
BBB0C2

CSS Examples

Text

The CSS property to change the color of the text to Hex C5A6D8 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 #C5A6D8 looks like.

```
.text, #text, p{  
    color:#C5A6D8  
}
```

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 #C5A6D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A6D8
}
```

Border

The CSS property to change the border of an element to Hex C5A6D8 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
#C5A6D8 }
```

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

```
.border{ border-color:#C5A6D8 }
```

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

Here you see how a box with a 4 pixel #C5A6D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A6D8; -webkit-box-shadow:4px 4px  
4px 4px #C5A6D8; box-shadow:4px 4px 4px  
4px #C5A6D8 }
```

Background

The CSS property to change the background color of an element to Hex C5A6D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A6D8 }
```

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

```
.background{ background-color:#C5A6D8 }
```

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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