

Converting Colors

Hex(C164DA)

Have a look what the booklet for
Hex(C164DA) contains.

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Color

Hex(C164DA)

Conversions

Conversions Part 1

Format	Color
Hex	C164DA
RGB	193, 100, 218
RGB Percent	76%, 39%, 85%
CMY	0.2431, 0.6078, 0.1451
CMYK	0.11, 0.54, 0.00, 0.15
HSL	287°, 61%, 62%
HSV	287°, 54%, 85%
XYZ	39.2044, 25.5138, 69.1880
YIQ	141.2590, 17.5500, 56.4140

Conversions

Conversions Part 2

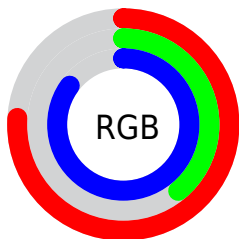
Format	Color
R_{YB}	193, 100, 218
Decimal	12674266
CIE _{Lab}	57.57, 55.07, -45.09
CIE _{LCh}	58, 71.178, 320.687
Yxy	25.5138, 0.2928, 0.1905
Android (android.graphics.Color)	4290864346 (0xFFC164DA)
YUV	141.2590, 37.8333, 45.3769
Hunter-Lab	50.5111, 50.1488, -45.8551

Details

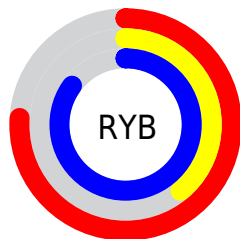
The Hex color **C164DA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7DDA64**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FC9AFF**, and **892EA2** is the 20% darker color. If you saturate the color by 10%, you get **BC4EDA**, and if you desaturate by 10%, it is **C67ADA**.

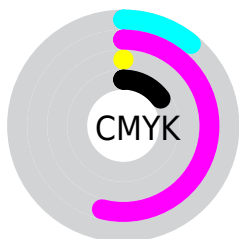
Distribution



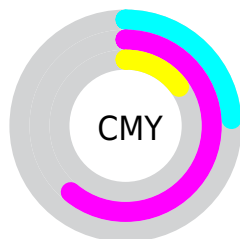
- Red (76%)
- Green (39%)
- Blue (85%)



- Red (76%)
- Yellow (39%)
- Blue (85%)



- Cyan (11%)
- Magenta (54%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (61%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color C164DA 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 C164DA by changing the saturation by 10% instead.

 C164DA

 C164DA

FFFFFF

 A549BE

 FC9AFF

 892EA2

 FFB6FF

 6D0C88

 FFD3FF


 52006E

 FFF0FF

 380055

 20003D

 000126

 00010F

 000000

 C164DA

 C164DA

 BC4EDA

 C67ADA

 B838DA

 CA90DA

 B323DA

 CFA5DA

 AF0DDA

 D3BBDA

 AC00DA

 D8D1DA

 DDE7DA

 E1FDDA

 E6FFDA

 EBFFDA

Harmonies

Analogous

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



5B82FF



C164DA



EF48A0

Triad

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



C164DA



B68100



00A6B5

Complementary

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



C164DA



7DDA64

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.



00A574



C164DA



7D9400

Square

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



C164DA



E16528



209F34



00A3EA

Rectangle

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



C164DA



F84577



209F34



00A6A0

Sweetspot

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



C164DA



F6D6FF



647EDA



7A6780



000000



808080

Same Dimension

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



C164DA



DC59FF



DA64B9



6B636E



8900AD



24002E

Inverse Universe

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



DA647D



FF597C



64DA85



6E6365



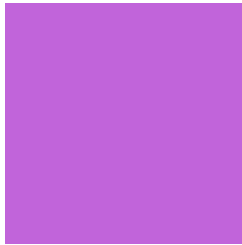
AD0025



2E000A

Previews

White Background



This preview shows how the Hex color C164DA 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

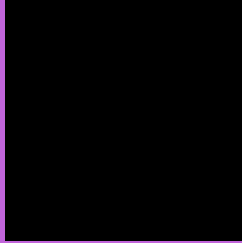
Any Text WCAG AA ✓ Pass

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 C164DA Background



This preview shows how black text looks on a background with the Hex color C164DA.

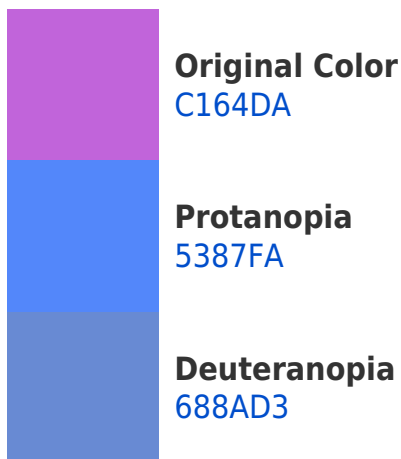



This preview shows how white text looks on a background with the Hex color C164DA.

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
B57A83

Trichromacy



Original Color
C164DA



Protanomaly
7B7AEE



Deuteranomaly
887CD6



Tritanomaly
B972A3

Monochromacy



Original Color
C164DA



Achromatopsia
8D8D8D



Achromatomaly
A07EA9

CSS Examples

Text

The CSS property to change the color of the text to Hex C164DA 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 #C164DA looks like.

```
.text, #text, p{  
    color:#C164DA  
}
```

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 #C164DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C164DA
}
```

Border

The CSS property to change the border of an element to Hex C164DA 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
#C164DA }
```

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

```
.border{ border-color:#C164DA }
```

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

Here you see how a box with a 4 pixel #C164DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C164DA; -webkit-box-shadow:4px 4px  
4px 4px #C164DA; box-shadow:4px 4px 4px  
4px #C164DA }
```

Background

The CSS property to change the background color of an element to Hex C164DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C164DA }
```

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

```
.background{ background-color:#C164DA }
```

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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