

Converting Colors

Hex(9876DC)

Have a look what the booklet for
Hex(9876DC) contains.

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Color

Hex(9876DC)

Conversions

Conversions Part 1

Format	Color
Hex	9876DC
RGB	152, 118, 220
RGB Percent	60%, 46%, 86%
CMY	0.4039, 0.5373, 0.1373
CMYK	0.31, 0.46, 0.00, 0.14
HSL	260°, 59%, 66%
HSV	260°, 46%, 86%
XYZ	32.3456, 24.7996, 70.7921
YIQ	139.7940, -12.4780, 38.9300

Conversions

Conversions Part 2

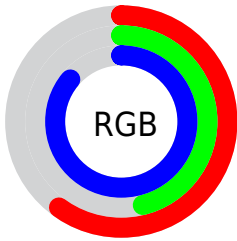
Format	Color
RYB	152, 118, 220
Decimal	9991900
CIELab	56.88, 34.95, -47.61
CIELCh	57, 59.058, 306.281
Yxy	24.7996, 0.2528, 0.1938
Android (android.graphics.Color)	4288181980 (0xFF9876DC)
YUV	139.7940, 39.5416, 10.7047
Hunter-Lab	49.7992, 28.7909, -49.4244

Details

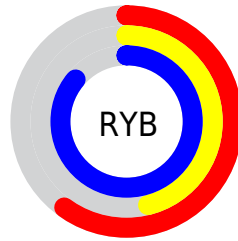
The Hex color **9876DC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BADC76**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D1ABFF**, and **6145A4** is the 20% darker color. If you saturate the color by 10%, you get **8960DC**, and if you desaturate by 10%, it is **A78CDC**.

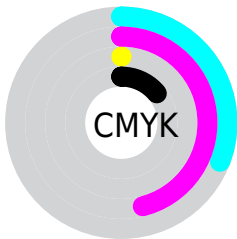
Distribution



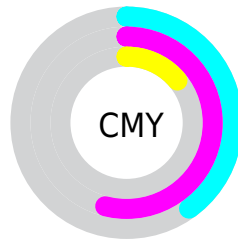
- Red (60%)
- Green (46%)
- Blue (86%)



- Red (60%)
- Yellow (46%)
- Blue (86%)



- Cyan (31%)
- Magenta (46%)
- Yellow (0%)
- Black (14%)



- Cyan (40%)
- Magenta (54%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9876DC 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 9876DC by changing the saturation by 10% instead.

 9876DC

 9876DC

FFFFFF

 7C5DC0

 D1ABFF

 6145A4

 EEC6FF

 462D8A

 FFE2FF

 2B1770

 070257

 00003F

 000328

 000111

 000000

9876DC

9876DC

8960DC

A78CDC

7B4ADC

B5A2DC

6C34DC

C4B8DC

5D1EDC

D3CEDC

4F08DC

E1E4DC

4900DC

F0FADC

FFFFDC

Harmonies

Analogous

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



118BEF



9876DC



CF60B3

Triad

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



9876DC



C37725



00A192

Complementary

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



9876DC



BAD76

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.



009E5D



9876DC



988A0F

Square

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



9876DC



DF614E



62972E



009FC4

Rectangle

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



9876DC



E15791



62972E



00A080

Sweetspot

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



9876DC



E7DBFF



76BADC



716A80



000000



808080

Same Dimension

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



9876DC



A070FF



CB76DC



66636E



3A00AD



0F002E

Inverse Universe

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



DC76BA



FF70CF



87DC76



6E636A



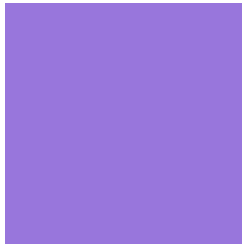
AD0074



2E001F

Previews

White Background



This preview shows how the Hex color 9876DC looks on a white background.

Color Contrast Check

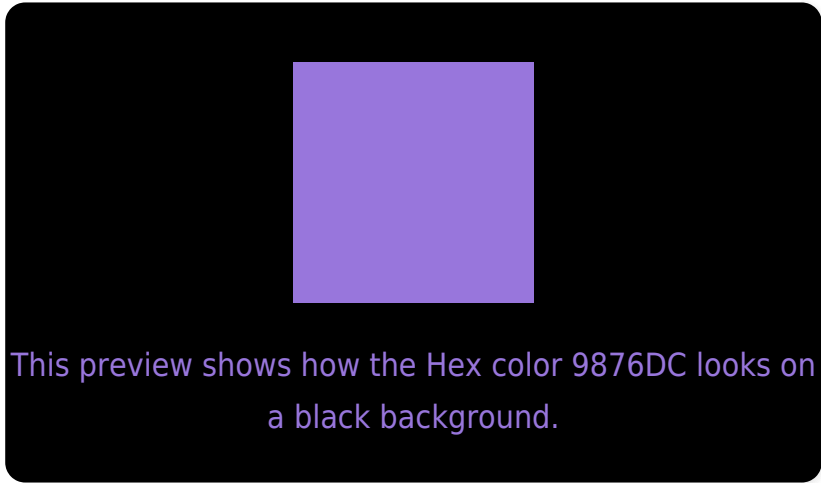
Large Text (above 18pt) WCAG AA ✓ Pass

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 9876DC Background



This preview shows how black text looks on a background with the Hex color 9876DC.

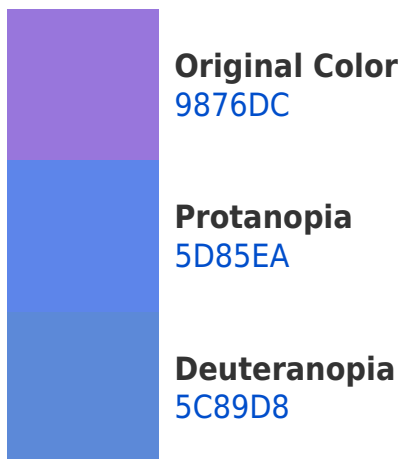


This preview shows how white text looks on a background with the Hex color 9876DC.

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](#).

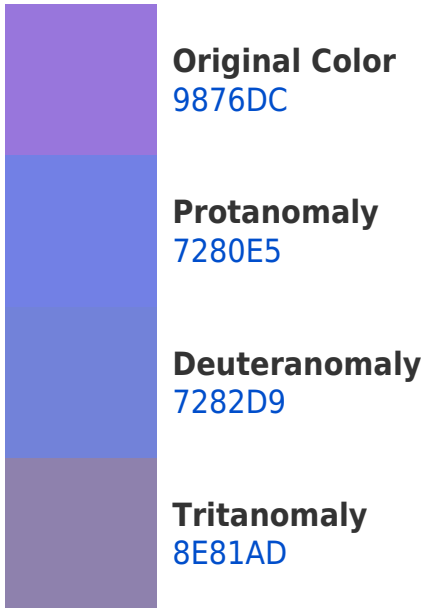
Dichromacy



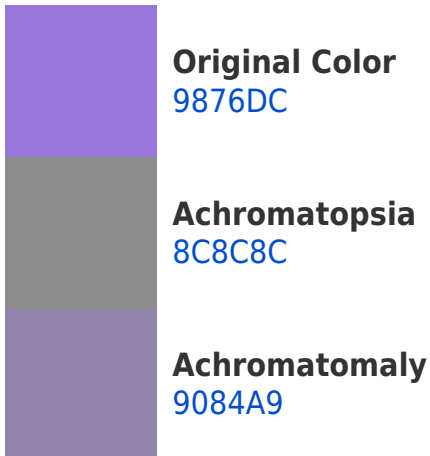


Tritanopia
898792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9876DC 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 #9876DC looks like.

```
.text, #text, p{  
    color:#9876DC  
}
```

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 #9876DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9876DC
}
```

Border

The CSS property to change the border of an element to Hex 9876DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

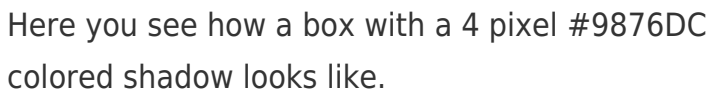
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9876DC }
```

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

```
.border{ border-color:#9876DC }
```

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



Here you see how a box with a 4 pixel #9876DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9876DC; -webkit-box-shadow:4px 4px  
4px 4px #9876DC; box-shadow:4px 4px 4px  
4px #9876DC }
```

Background

The CSS property to change the background color of an element to Hex 9876DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9876DC }
```

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

```
.background{ background-color:#9876DC }
```

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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