

Converting Colors

Hex(9876C6)

Have a look what the booklet for
Hex(9876C6) contains.

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Color

Hex(9876C6)

Conversions

Conversions Part 1

Format	Color
Hex	9876C6
RGB	152, 118, 198
RGB Percent	60%, 46%, 78%
CMY	0.4039, 0.5373, 0.2235
CMYK	0.23, 0.40, 0.00, 0.22
HSL	266°, 41%, 62%
HSV	266°, 40%, 78%
XYZ	29.6204, 23.7095, 56.4413
YIQ	137.2860, -5.4160, 32.0880

Conversions

Conversions Part 2

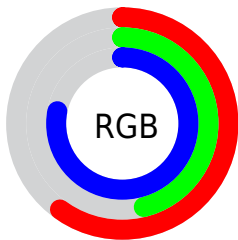
Format	Color
R_{YB}	152, 118, 198
Decimal	9991878
CIE _{Lab}	55.80, 29.53, -36.87
CIE _{LCh}	56, 47.239, 308.685
Yxy	23.7095, 0.2698, 0.2160
Android (android.graphics.Color)	4288181958 (0xFF9876C6)
YUV	137.2860, 29.9320, 12.9042
Hunter-Lab	48.6924, 23.3728, -34.6408

Details

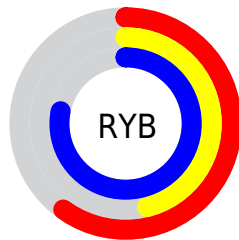
The Hex color **9876C6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A4C676**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D0ABFF**, and **634590** is the 20% darker color. If you saturate the color by 10%, you get **8D62C6**, and if you desaturate by 10%, it is **A38AC6**.

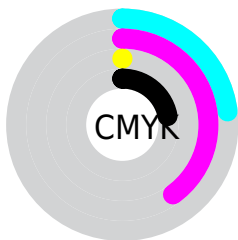
Distribution



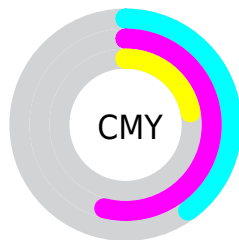
- Red (60%)
- Green (46%)
- Blue (78%)



- Red (60%)
- Yellow (46%)
- Blue (78%)



- Cyan (23%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9876C6 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 9876C6 by changing the saturation by 10% instead.

 9876C6

 9876C6

FFFFFF

 7D5DAA

 D0ABFF

 634590

 ECC6FF

 492E76

 FFE2FF

 30185D

 170245

 00002E

 000118

 000000

 9876C6

 9876C6

8D62C6

A38AC6

814EC6

AF9EC6

763BC6

BAB1C6

6A27C6

C6C5C6

5F13C6

D1D9C6

5400C6

DCEDC6

E8FFC6

F3FFC6

FEFFC6

Harmonies

Analogous

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



5086D7



9876C6



C167A4

Triad

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



9876C6



B57938



009A91

Complementary

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



9876C6



A4C676

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.



209866



9876C6



928730

Square

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



9876C6



CC6A54



669243



0098B8

Rectangle

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



9876C6



CF6289



669243



009A82

Sweetspot

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



9876C6



EDE0FF



76A5C6



756E80



000000



808080

Same Dimension

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



9876C6



B985FF



BF76C6



5E5A63



4500A3



0F0024

Inverse Universe

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



C676A4



FF85CB



7DC676



635A5F



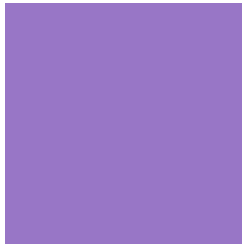
A3005E



240015

Previews

White Background



This preview shows how the Hex color 9876C6 looks on a white background.

Color Contrast Check

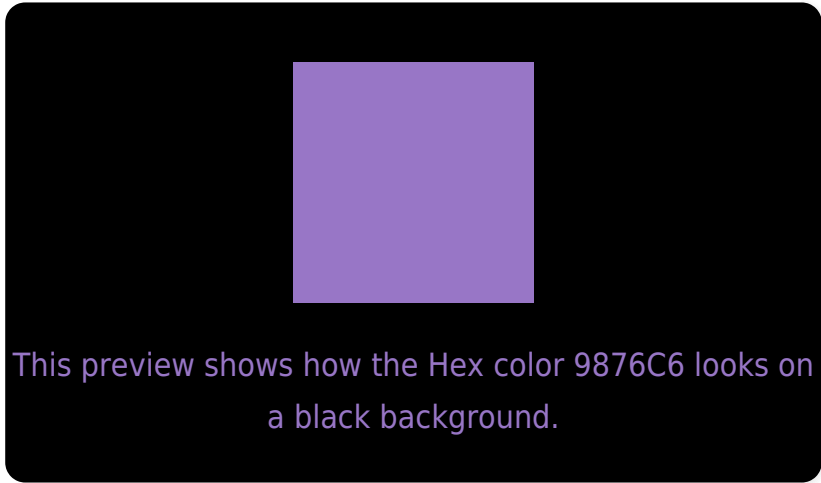
Large Text (above 18pt) WCAG AA ✓ Pass

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

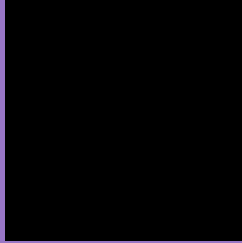
Any Text WCAG AA ✓ Pass

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 9876C6 Background



This preview shows how black text looks on a background with the Hex color 9876C6.

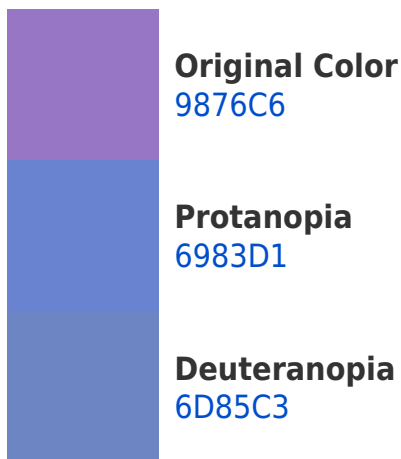



This preview shows how white text looks on a background with the Hex color 9876C6.

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
8E828D

Trichromacy



Original Color
9876C6

Protanomaly
7A7ECD

Deuteranomaly
7D80C4

Tritanomaly
927EA2

Monochromacy



Original Color
9876C6

Achromatopsia
898989

Achromatomaly
8E829F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9876C6 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 #9876C6 looks like.

```
.text, #text, p{  
    color:#9876C6  
}
```

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 #9876C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9876C6
}
```

Border

The CSS property to change the border of an element to Hex 9876C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

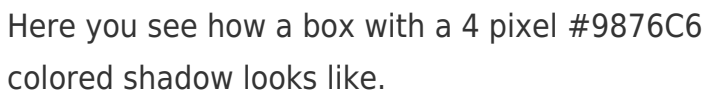
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9876C6 }
```

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

```
.border{ border-color:#9876C6 }
```

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



Here you see how a box with a 4 pixel #9876C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9876C6; -webkit-box-shadow:4px 4px  
4px 4px #9876C6; box-shadow:4px 4px 4px  
4px #9876C6 }
```

Background

The CSS property to change the background color of an element to Hex 9876C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9876C6 }
```

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

```
.background{ background-color:#9876C6 }
```

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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