

Converting Colors

Hex(7966BA)

Have a look what the booklet for
Hex(7966BA) contains.

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Color

Hex(7966BA)

Conversions

Conversions Part 1

Format	Color
Hex	7966BA
RGB	121, 102, 186
RGB Percent	47%, 40%, 73%
CMY	0.5255, 0.6000, 0.2706
CMYK	0.35, 0.45, 0.00, 0.27
HSL	254°, 38%, 56%
HSV	254°, 45%, 73%
XYZ	21.4995, 17.1129, 48.6243
YIQ	117.2570, -15.6400, 30.1520

Conversions

Conversions Part 2

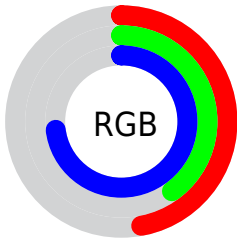
Format	Color
R_{YB}	121, 102, 186
Decimal	7956154
CIE _{Lab}	48.40, 27.05, -41.83
CIE _{LCh}	48, 49.820, 302.891
Yxy	17.1129, 0.2464, 0.1962
Android (android.graphics.Color)	4286146234 (0xFF7966BA)
YUV	117.2570, 33.8903, 3.2826
Hunter-Lab	41.3677, 20.3759, -40.7332

Details

The Hex color **7966BA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A7BA66**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B099F3**, and **443784** is the 20% darker color. If you saturate the color by 10%, you get **6B53BA**, and if you desaturate by 10%, it is **8779BA**.

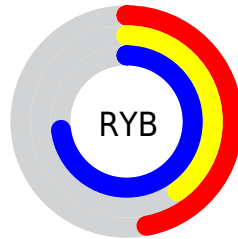
Distribution



Red (47%)

Green (40%)

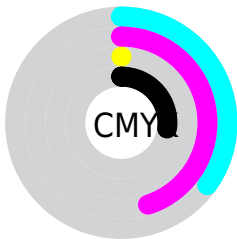
Blue (73%)



Red (47%)

Yellow (40%)

Blue (73%)

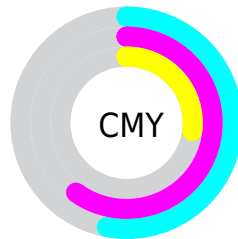


Cyan (35%)

Magenta (45%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (60%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7966BA 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 7966BA by changing the saturation by 10% instead.

■ 7966BA

■ 7966BA

FFFFFF

■ 5E4E9F

■ B099F3

■ 443784

■ CCB4FF

■ 29216B

■ E9D0FF

■ 080C52

■ FFECFF

■ 00003A

■ 000224

■ 00000B

■ 000000

■ 7966BA

■ 7966BA

6B53BA

8779BA

5C41BA

968BBA

4E2EBA

A49EBA

3F1CBA

B3B0BA

3109BA

C1C3BA

2A00BA

CFD6BA

DEE8BA

ECFBBA

FBFFBA

Harmonies

Analogous

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



0076C7



7966BA



A9549A

Triad

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



7966BA



A76226



008776

Complementary

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



7966BA



A7BA66

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.



09844B



7966BA



857214

Square

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



7966BA



BB5248



5A7E26



0086A0

Rectangle

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



7966BA



BA4C7F



5A7E26



008667

Sweetspot

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



7966BA



D8D0F2



66A8BA



6A667A



FAFAFA



7A7A7A

Same Dimension

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



7966BA



8D6FF2



A266BA



55535C



23009C



06001C

Inverse Universe

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



BA66A7



F26FD5



7EBA66



5C535A



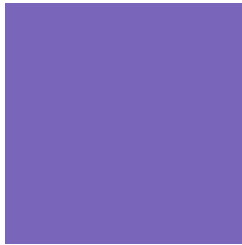
9C0078



1C0016

Previews

White Background



This preview shows how the Hex color 7966BA looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

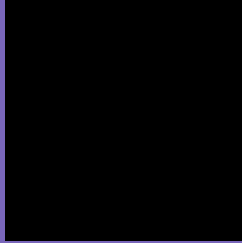
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7966BA Background



This preview shows how black text looks on a background with the Hex color 7966BA.

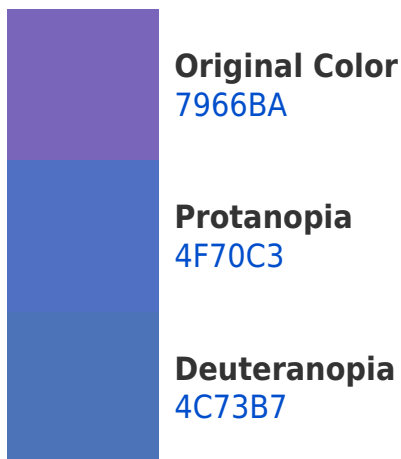


This preview shows how white text looks on a background with the Hex color 7966BA.

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](#).

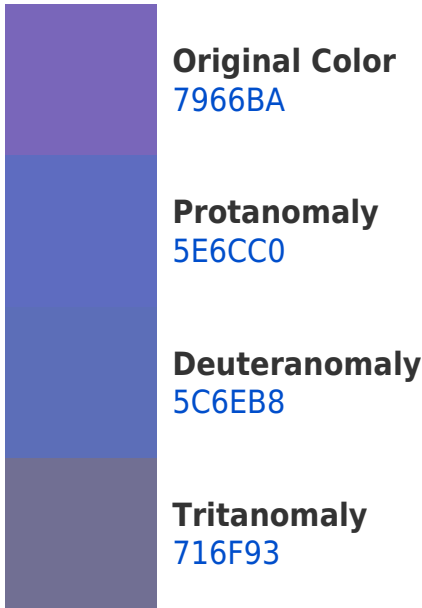
Dichromacy





Tritanopia
6C747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7966BA 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 #7966BA looks like.

```
.text, #text, p{  
    color:#7966BA  
}
```

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 #7966BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7966BA
}
```

Border

The CSS property to change the border of an element to Hex 7966BA 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".

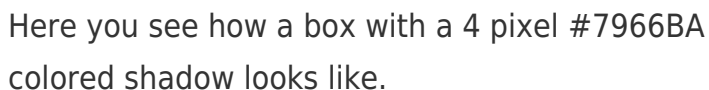
```
.border, #border, table{ border:4px solid
#7966BA }
```

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

```
.border{ border-color:#7966BA }
```

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

Here you see how a box with a 4 pixel #7966BA colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7966BA; -webkit-box-shadow:4px 4px  
4px 4px #7966BA; box-shadow:4px 4px 4px  
4px #7966BA }
```

Background

The CSS property to change the background color of an element to Hex 7966BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7966BA }
```

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

```
.background{ background-color:#7966BA }
```

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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