

Converting Colors

Hex(7976CC)

Have a look what the booklet for
Hex(7976CC) contains.

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Color

Hex(7976CC)

Conversions

Conversions Part 1

Format	Color
Hex	7976CC
RGB	121, 118, 204
RGB Percent	47%, 46%, 80%
CMY	0.5255, 0.5373, 0.2000
CMYK	0.41, 0.42, 0.00, 0.20
HSL	242°, 46%, 63%
HSV	242°, 42%, 80%
XYZ	25.2627, 21.3814, 59.9223
YIQ	128.7010, -25.8180, 27.3820

Conversions

Conversions Part 2

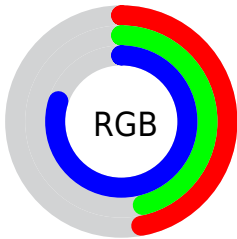
Format	Color
R_{YB}	121, 118, 204
Decimal	7960268
CIE _{Lab}	53.36, 22.49, -44.30
CIE _{LCh}	53, 49.686, 296.916
Yxy	21.3814, 0.2371, 0.2006
Android (android.graphics.Color)	4286150348 (0xFF7976CC)
YUV	128.7010, 37.1224, -6.7538
Hunter-Lab	46.2401, 16.6011, -44.4656

Details

The Hex color **7976CC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C9CC76**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B1A AFF**, and **434695** is the 20% darker color. If you saturate the color by 10%, you get **6562CC**, and if you desaturate by 10%, it is **8D8ACC**.

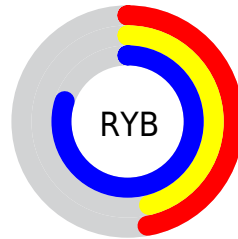
Distribution



Red (47%)

Green (46%)

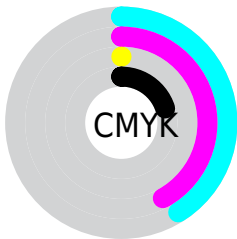
Blue (80%)



Red (47%)

Yellow (46%)

Blue (80%)

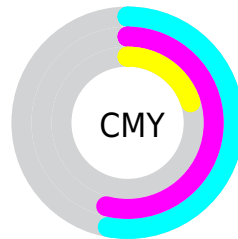


Cyan (41%)

Magenta (42%)

Yellow (0%)

Black (20%)



Cyan (53%)

Magenta (54%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7976CC 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 7976CC by changing the saturation by 10% instead.

■ 7976CC

■ 7976CC

FFFFFF

■ 5E5DB0

■ B1AAFF

■ 434695

■ CDC5FF

■ 26307B

■ EAE1FF

■ 001B62

FFFEFF

■ 000349

■ 000432

■ 00021C

■ 000000

■ 7976CC

■ 7976CC

■ 6562CC

■ 8D8ACC

■ 524DCC

■ A09FCC

■ 3E39CC

■ B4B3CC

■ 2A24CC

■ C8C8CC

■ 1710CC

■ DBDCCC

■ 0700CC

■ EFF0CC

■ FFFFCC

Harmonies

Analogous

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



0086D5



7976CC



AF64AF

Triad

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



7976CC



BA6B38



009479

Complementary

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



7976CC



C9CC76

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.



37904F



7976CC



9A7C24

Square

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



7976CC



CC5C5B



70882D



0094A5

Rectangle

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



7976CC



C45B94



70882D



00936B

Sweetspot

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



7976CC



DFDEFF



76C9CC



6C6B80



000000



808080

Same Dimension

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



7976CC



817DFF



A476CC



5C5C66



0600A6



010026

Inverse Universe

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



CC76C9



FF7DFA



9ECC76



665C66



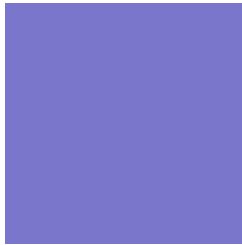
A600A0



260025

Previews

White Background



This preview shows how the Hex color 7976CC looks on a white background.

Color Contrast Check

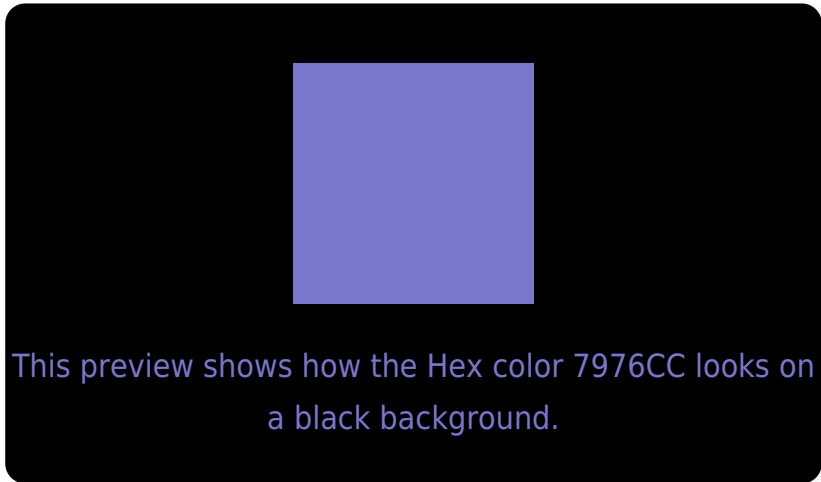
Large Text (above 18pt) WCAG AA ✓ Pass

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

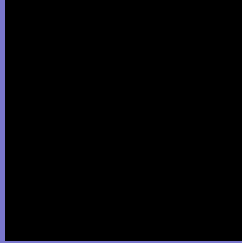
Any Text WCAG AA ✓ Pass

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 7976CC Background



This preview shows how black text looks on a background with the Hex color 7976CC.

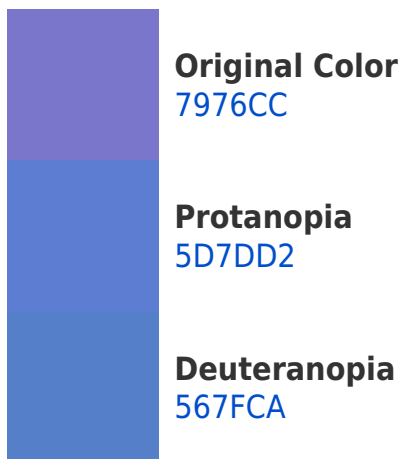



This preview shows how white text looks on a background with the Hex color 7976CC.

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](#).

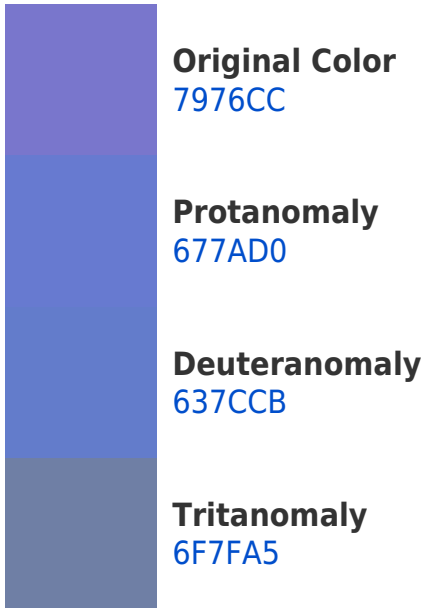
Dichromacy



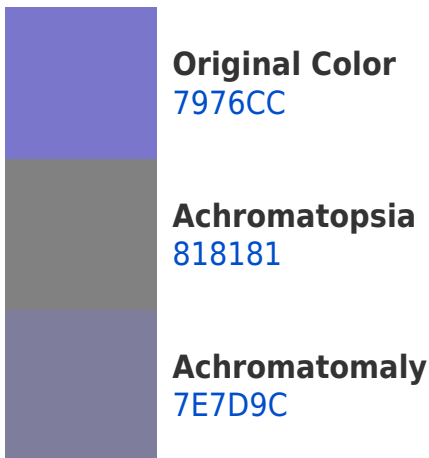


Tritanopia
6A848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7976CC 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 #7976CC looks like.

```
.text, #text, p{  
    color:#7976CC  
}
```

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 #7976CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7976CC
}
```

Border

The CSS property to change the border of an element to Hex 7976CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

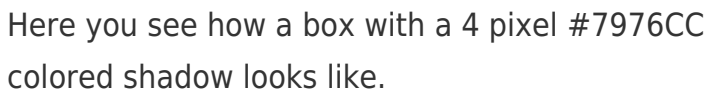
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7976CC }
```

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

```
.border{ border-color:#7976CC }
```

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



Here you see how a box with a 4 pixel `#7976CC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7976CC; -webkit-box-shadow:4px 4px  
4px 4px #7976CC; box-shadow:4px 4px 4px  
4px #7976CC }
```

Background

The CSS property to change the background color of an element to Hex 7976CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7976CC }
```

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

```
.background{ background-color:#7976CC }
```

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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