

Converting Colors

Hex(7A66B9)

Have a look what the booklet for
Hex(7A66B9) contains.

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Color

Hex(7A66B9)

Conversions

Conversions Part 1

Format	Color
Hex	7A66B9
RGB	122, 102, 185
RGB Percent	48%, 40%, 73%
CMY	0.5216, 0.6000, 0.2745
CMYK	0.34, 0.45, 0.00, 0.27
HSL	254°, 37%, 56%
HSV	254°, 45%, 73%
XYZ	21.5344, 17.1431, 48.0729
YIQ	117.4420, -14.7230, 30.0530

Conversions

Conversions Part 2

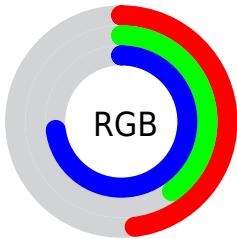
Format	Color
RYB	122, 102, 185
Decimal	8021689
CIELab	48.44, 27.06, -41.19
CIElCh	48, 49.280, 303.300
Yxy	17.1431, 0.2482, 0.1976
Android (android.graphics.Color)	4286211769 (0xFF7A66B9)
YUV	117.4420, 33.3061, 3.9974
Hunter-Lab	41.4042, 20.3806, -39.8565

Details

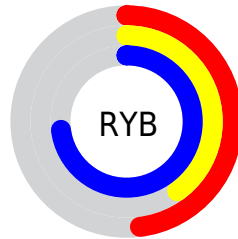
The Hex color **7A66B9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A5B966**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B199F2**, and **453783** is the 20% darker color. If you saturate the color by 10%, you get **6C54B9**, and if you desaturate by 10%, it is **8879B9**.

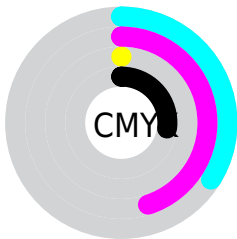
Distribution



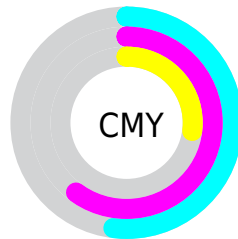
- Red (48%)
- Green (40%)
- Blue (73%)



- Red (48%)
- Yellow (40%)
- Blue (73%)



- Cyan (34%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)



- Cyan (52%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A66B9 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 7A66B9 by changing the saturation by 10% instead.

■ 7A66B9

■ 7A66B9

FFFFFF

■ 5F4E9E

■ B199F2

■ 453783

■ CDB4FF

■ 2B216A

■ EAD0FF

■ 0C0C51

■ FFECFF

■ 00003A

■ 000223

■ 00000A

■ 000000

■ 7A66B9

■ 7A66B9

6C54B9

8879B9

5E41B9

968BB9

502FB9

A49DB9

421CB9

B2B0B9

3409B9

C0C3B9

2D00B9

CED5B9

DCE8B9

EAFAB9

F8FFB9

Harmonies

Analogous

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



0476C6



7A66B9



A95499

Triad

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



7A66B9



A66327



008777

Complementary

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



7A66B9



A5B966

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.



0B844C



7A66B9



847216

Square

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



7A66B9



BB5348



5A7E28



0086A0

Rectangle

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



7A66B9



B94D7E



5A7E28



008668

Sweetspot

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



7A66B9



D8D1F0



66A6B9



696578



F7F7F7



787878

Same Dimension

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



7A66B9



8D6EF0



A366B9



55535C



25009C



07001C

Inverse Universe

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



B966A5



F06ED1



7CB966



5C535A



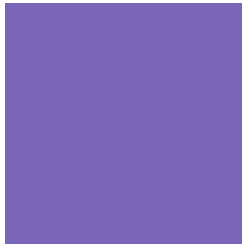
9C0076



1C0015

Previews

White Background



This preview shows how the Hex color 7A66B9 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 7A66B9 Background



This preview shows how black text looks on a background with the Hex color 7A66B9.

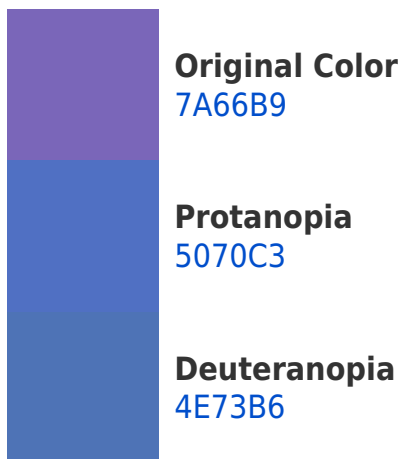


This preview shows how white text looks on a background with the Hex color 7A66B9.

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
6D747D

Trichromacy



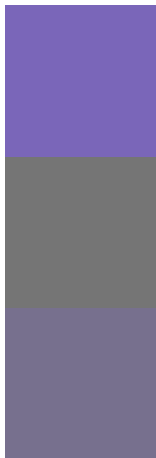
Original Color
7A66B9

Protanomaly
5F6CBF

Deuteranomaly
5E6EB7

Tritanomaly
726F93

Monochromacy



Original Color
7A66B9

Achromatopsia
757575

Achromatomaly
77708E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A66B9 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 #7A66B9 looks like.

```
.text, #text, p{  
    color:#7A66B9  
}
```

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 #7A66B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A66B9
}
```

Border

The CSS property to change the border of an element to Hex 7A66B9 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
#7A66B9 }
```

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

```
.border{ border-color:#7A66B9 }
```

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

Here you see how a box with a 4 pixel #7A66B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A66B9; -webkit-box-shadow:4px 4px  
4px 4px #7A66B9; box-shadow:4px 4px 4px  
4px #7A66B9 }
```

Background

The CSS property to change the background color of an element to Hex 7A66B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A66B9 }
```

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

```
.background{ background-color:#7A66B9 }
```

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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