

Converting Colors

Hex(7B67D6)

Have a look what the booklet for
Hex(7B67D6) contains.

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Color

Hex(7B67D6)

Conversions

Conversions Part 1

Format	Color
Hex	7B67D6
RGB	123, 103, 214
RGB Percent	48%, 40%, 84%
CMY	0.5176, 0.5961, 0.1608
CMYK	0.43, 0.52, 0.00, 0.16
HSL	251°, 58%, 62%
HSV	251°, 52%, 84%
XYZ	25.1562, 18.7665, 65.9147
YIQ	121.6340, -23.7110, 38.7610

Conversions

Conversions Part 2

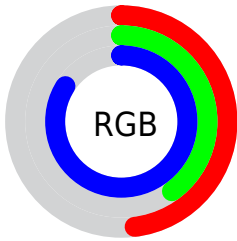
Format	Color
R_{YB}	123, 103, 214
Decimal	8087510
CIE _{Lab}	50.41, 34.76, -54.68
CIE _{LCh}	50, 64.798, 302.444
Yxy	18.7665, 0.2290, 0.1709
Android (android.graphics.Color)	4286277590 (0xFF7B67D6)
YUV	121.6340, 45.5364, 1.1980
Hunter-Lab	43.3203, 27.8449, -59.8895

Details

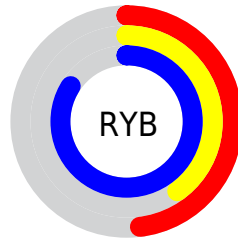
The Hex color **7B67D6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C2D667**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B49BFF**, and **42379E** is the 20% darker color. If you saturate the color by 10%, you get **6952D6**, and if you desaturate by 10%, it is **8D7CD6**.

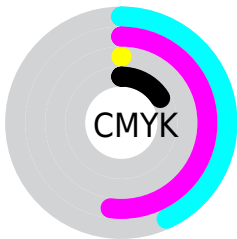
Distribution



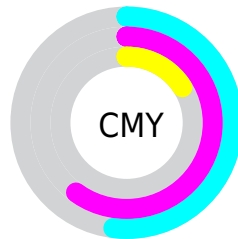
- Red (48%)
- Green (40%)
- Blue (84%)



- Red (48%)
- Yellow (40%)
- Blue (84%)



- Cyan (43%)
- Magenta (52%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B67D6 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 7B67D6 by changing the saturation by 10% instead.

 7B67D6

 7B67D6

FFFFFF

 5F4FBA

 B49BFF

 42379E

 D1B6FF

 222184

 EED1FF

 000C6A

 FFEEFF

 000051

 000539

 000223

 000009

 000000

 7B67D6

 7B67D6

 6952D6

 8D7CD6

 583CD6

 9E92D6

 4627D6

 B0A7D6

 3511D6

 C1BDD6

 2700D6

 D3D2D6

 E4E7D6

 F6FDD6

 FFFFD6

Harmonies

Analogous

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



007DE7



7B67D6



BD4BAC

Triad

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



7B67D6



B86106



00917B

Complementary

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



7B67D6



C2D667

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.



008D42



7B67D6



8D7700

Square

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



7B67D6



D34740



548500



0090B2

Rectangle

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



7B67D6



D23C88



548500



009068

Sweetspot

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



7B67D6



DED6FF



67C3D6



6C6780



000000



808080

Same Dimension

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



7B67D6



7D61FF



B167D6



62606B



1F00AB



08002B

Inverse Universe

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



D667C2



FF61E3



8CD667



6B6069



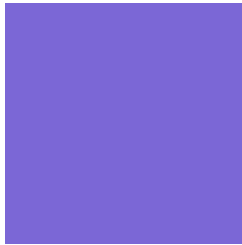
AB008C



2B0024

Previews

White Background



This preview shows how the Hex color 7B67D6 looks on a white background.

Color Contrast Check

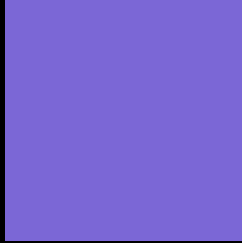
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 7B67D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

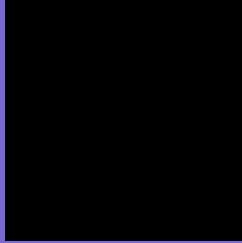
Any Text WCAG AA ✓ Pass

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 7B67D6 Background



This preview shows how black text looks on a background with the Hex color 7B67D6.

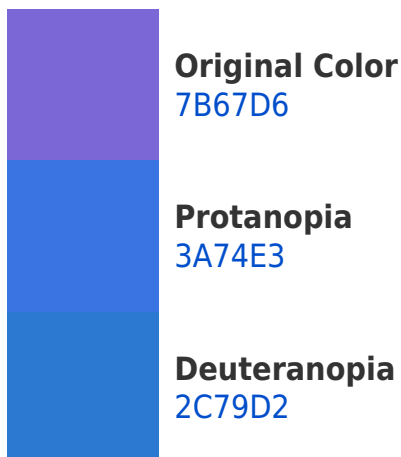


This preview shows how white text looks on a background with the Hex color 7B67D6.

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
677B85

Trichromacy



Original Color
7B67D6



Protanomaly
526FDE



Deuteranomaly
4972D3



Tritanomaly
6E74A2

Monochromacy



Original Color
7B67D6



Achromatopsia
7A7A7A



Achromatomaly
7A739B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B67D6 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 #7B67D6 looks like.

```
.text, #text, p{  
    color:#7B67D6  
}
```

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 #7B67D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B67D6
}
```

Border

The CSS property to change the border of an element to Hex 7B67D6 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
#7B67D6 }
```

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

```
.border{ border-color:#7B67D6 }
```

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

Here you see how a box with a 4 pixel #7B67D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B67D6; -webkit-box-shadow:4px 4px  
4px 4px #7B67D6; box-shadow:4px 4px 4px  
4px #7B67D6 }
```

Background

The CSS property to change the background color of an element to Hex 7B67D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B67D6 }
```

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

```
.background{ background-color:#7B67D6 }
```

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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