

Converting Colors

Hex(7937C6)

Have a look what the booklet for
Hex(7937C6) contains.

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Color

Hex(7937C6)

Conversions

Conversions Part 1

Format	Color
Hex	7937C6
RGB	121, 55, 198
RGB Percent	47%, 22%, 78%
CMY	0.5255, 0.7843, 0.2235
CMYK	0.39, 0.72, 0.00, 0.22
HSL	268°, 57%, 50%
HSV	268°, 72%, 78%
XYZ	19.4444, 10.8745, 54.5002
YIQ	91.0360, -6.5670, 58.4650

Conversions

Conversions Part 2

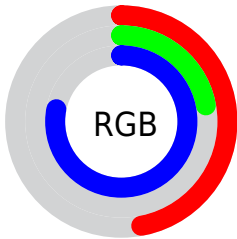
Format	Color
R_{YB}	121, 55, 198
Decimal	7944134
CIE _{Lab}	39.37, 55.96, -63.33
CIE _{LCh}	39, 84.514, 311.462
Yxy	10.8745, 0.2292, 0.1282
Android (android.graphics.Color)	4286134214 (0xFF7937C6)
YUV	91.0360, 52.7333, 26.2784
Hunter-Lab	32.9766, 47.5422, -74.9047

Details

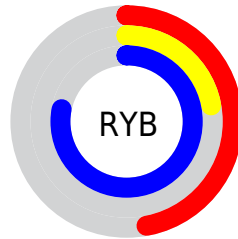
The Hex color **7937C6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **84C637**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B36BFF**, and **3F008F** is the 20% darker color. If you saturate the color by 10%, you get **6E23C6**, and if you desaturate by 10%, it is **844BC6**.

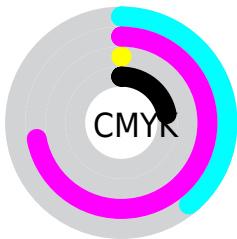
Distribution



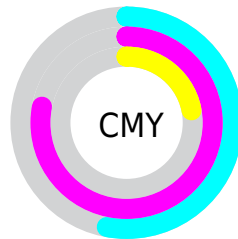
- Red (47%)
- Green (22%)
- Blue (78%)



- Red (47%)
- Yellow (22%)
- Blue (78%)



- Cyan (39%)
- Magenta (72%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (78%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7937C6 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 7937C6 by changing the saturation by 10% instead.

 7937C6

 7937C6

FFFFFF

 5C1BAA

 B36BFF

 3F008F

 D086FF

 1C0075

 EEA1FF

 00005B

 FFBDFF

 000042

 FFDAFF

 00032B

 FFF7FF

 000116

 000000

 7937C6

 7937C6

 6E23C6

 844BC6

 640FC6

 8E5FC6

 5B00C6

 9972C6

 A486C6

 AE9AC6

 B9AEC6

 C4C2C6

 CED5C6

 D9E9C6

Harmonies

Analogous

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



005FE7



7937C6



BD008A

Triad

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



7937C6



944900



007777

Complementary

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



7937C6



84C637

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.



00752D



7937C6



5A6300

Square

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



7937C6



BD0500



006F00



0077B8

Rectangle

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



7937C6



CD005D



006F00



00765F

Sweetspot

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



7937C6



E1C7FF



3786C6



6E5E80



000000



808080

Same Dimension

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



7937C6



8821FF



BF37C6



5E5A63



4B00A3



100024

Inverse Universe

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



C63784



FF2199



3EC637



635A5F



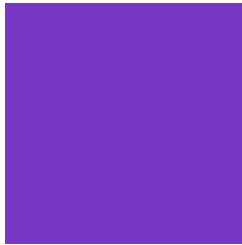
A30058



240013

Previews

White Background



This preview shows how the Hex color 7937C6 looks on a white background.

Color Contrast Check

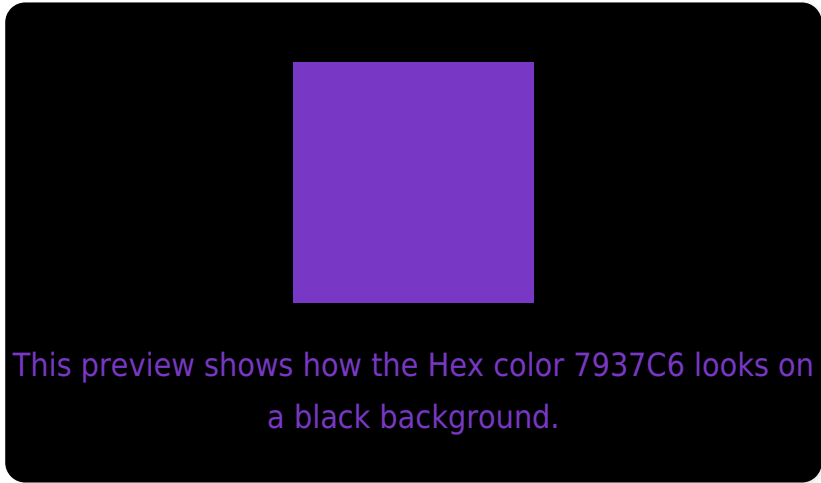
Large Text (above 18pt) WCAG AA ✓ Pass

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 7937C6 Background



This preview shows how black text looks on a background with the Hex color 7937C6.

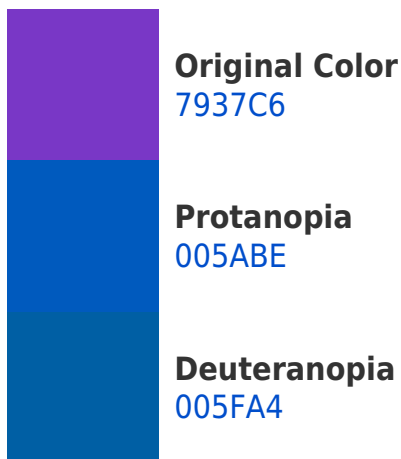


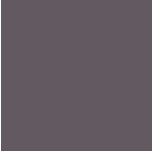
This preview shows how white text looks on a background with the Hex color 7937C6.

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
635A61

Trichromacy



Original Color
7937C6



Protanomaly
2C4DC1



Deuteranomaly
2C50B0



Tritanomaly
6B4D86

Monochromacy



Original Color
7937C6



Achromatopsia
5B5B5B



Achromatomaly
664E82

CSS Examples

Text

The CSS property to change the color of the text to Hex 7937C6 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 #7937C6 looks like.

```
.text, #text, p{  
    color:#7937C6  
}
```

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 #7937C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7937C6
}
```

Border

The CSS property to change the border of an element to Hex 7937C6 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".

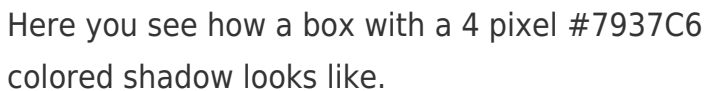
```
.border, #border, table{ border:4px solid
#7937C6 }
```

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

```
.border{ border-color:#7937C6 }
```

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

Here you see how a box with a 4 pixel #7937C6 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 #7937C6; -webkit-box-shadow:4px 4px  
4px 4px #7937C6; box-shadow:4px 4px 4px  
4px #7937C6 }
```

Background

The CSS property to change the background color of an element to Hex 7937C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7937C6 }
```

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

```
.background{ background-color:#7937C6 }
```

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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