

Converting Colors

Hex(7837D4)

Have a look what the booklet for
Hex(7837D4) contains.

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Color

Hex(7837D4)

Conversions

Conversions Part 1

Format	Color
Hex	7837D4
RGB	120, 55, 212
RGB Percent	47%, 22%, 83%
CMY	0.5294, 0.7843, 0.1686
CMYK	0.43, 0.74, 0.00, 0.17
HSL	265°, 65%, 52%
HSV	265°, 74%, 83%
XYZ	20.9956, 11.4789, 63.3964
YIQ	92.3330, -11.6570, 62.6070

Conversions

Conversions Part 2

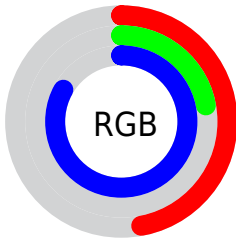
Format	Color
R _{YB}	120, 55, 212
Decimal	7878612
CIE Lab	40.38, 59.25, -69.81
CIE LCh	40, 91.562, 310.325
Yxy	11.4789, 0.2190, 0.1197
Android (android.graphics.Color)	4286068692 (0xFF7837D4)
YUV	92.3330, 58.9958, 24.2640
Hunter-Lab	33.8805, 51.3245, -87.2256

Details

The Hex color **7837D4** 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 **93D437**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B36CFF**, and **3B009C** is the 20% darker color. If you saturate the color by 10%, you get **6C22D4**, and if you desaturate by 10%, it is **844CD4**.

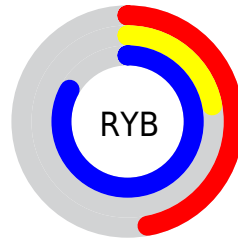
Distribution



Red (47%)

Green (22%)

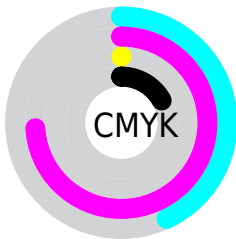
Blue (83%)



Red (47%)

Yellow (22%)

Blue (83%)

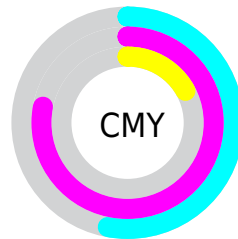


Cyan (43%)

Magenta (74%)

Yellow (0%)

Black (17%)



Cyan (53%)

Magenta (78%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7837D4 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 7837D4 by changing the saturation by 10% instead.

7837D4

7837D4

FFFFFF

5A1AB8

B36CFF

3B009C

D187FF

110081

EFA2FF

000067

FFBEFF

00004E

FFDBFF

000536

FFF8FF

000220

000004

000000

■ 7837D4

■ 7837D4

■ 6C22D4

■ 844CD4

■ 5F0DD4

■ 9161D4

■ 5800D4

■ 9D77D4

■ AA8CD4

■ B6A1D4

■ C3B6D4

■ CFCBD4

■ DBE1D4

■ E8F6D4

Harmonies

Analogous

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



0063F7



7837D4



C50093

Triad

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



7837D4



9B4800



007B78

Complementary

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



7837D4



93D437

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.



007827



7837D4



5D6500

Square

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



7837D4



C70000



007200



007BC0

Rectangle

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



7837D4



D80062



007200



007A5E

Sweetspot

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



7837D4



DEC7FF



3795D4



6C5E80



000000



808080

Same Dimension

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



7837D4



7A1CFF



C437D4



65606B



4700AB



12002B

Inverse Universe

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



D43793



FF1CA1



47D437



6B6067



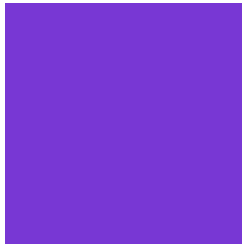
AB0064



2B0019

Previews

White Background



This preview shows how the Hex color 7837D4 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

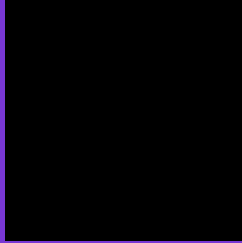
Any Text WCAG AA × Fail

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 7837D4 Background



This preview shows how black text looks on a background with the Hex color 7837D4.

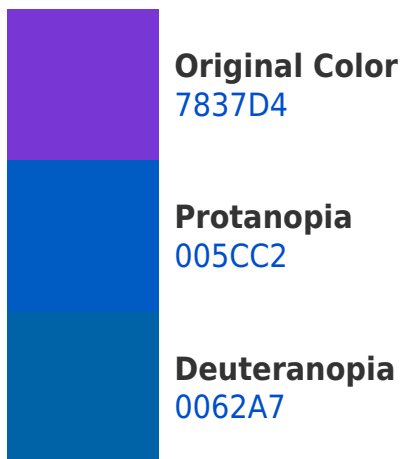


This preview shows how white text looks on a background with the Hex color 7837D4.

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
5E5F66

Trichromacy



Original Color
7837D4



Protanomaly
2C4FC9



Deuteranomaly
2C52B7



Tritanomaly
67508E

Monochromacy



Original Color
7837D4



Achromatopsia
5C5C5C



Achromatomaly
664F88

CSS Examples

Text

The CSS property to change the color of the text to Hex 7837D4 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 #7837D4 looks like.

```
.text, #text, p{  
    color:#7837D4  
}
```

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 #7837D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7837D4
}
```

Border

The CSS property to change the border of an element to Hex 7837D4 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
#7837D4 }
```

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

```
.border{ border-color:#7837D4 }
```

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

Here you see how a box with a 4 pixel #7837D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7837D4; -webkit-box-shadow:4px 4px  
4px 4px #7837D4; box-shadow:4px 4px 4px  
4px #7837D4 }
```

Background

The CSS property to change the background color of an element to Hex 7837D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7837D4 }
```

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

```
.background{ background-color:#7837D4 }
```

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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