

Converting Colors

Hex(7D76DF)

Have a look what the booklet for
Hex(7D76DF) contains.

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Color

Hex(7D76DF)

Conversions

Conversions Part 1

Format	Color
Hex	7D76DF
RGB	125, 118, 223
RGB Percent	49%, 46%, 87%
CMY	0.5098, 0.5373, 0.1255
CMYK	0.44, 0.47, 0.00, 0.13
HSL	244°, 62%, 67%
HSV	244°, 47%, 87%
XYZ	28.2552, 22.6446, 72.6937
YIQ	132.0630, -29.5330, 34.1390

Conversions

Conversions Part 2

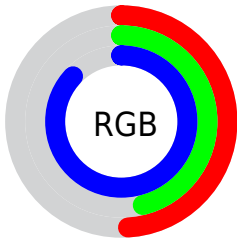
Format	Color
RYB	125, 118, 223
Decimal	8222431
CIELab	54.70, 28.94, -52.90
CIElCh	55, 60.296, 298.684
Yxy	22.6446, 0.2286, 0.1832
Android (android.graphics.Color)	4286412511 (0xFF7D76DF)
YUV	132.0630, 44.8319, -6.1943
Hunter-Lab	47.5863, 22.7114, -57.2620

Details

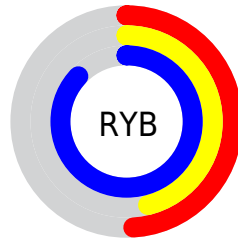
The Hex color **7D76DF** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D8DF76**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B6A AFF**, and **4446A7** is the 20% darker color. If you saturate the color by 10%, you get **6860DF**, and if you desaturate by 10%, it is **928CDF**.

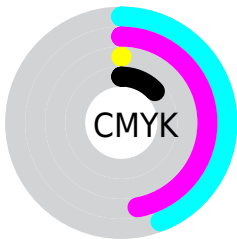
Distribution



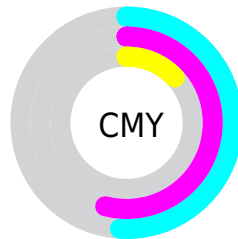
- Red (49%)
- Green (46%)
- Blue (87%)



- Red (49%)
- Yellow (46%)
- Blue (87%)



- Cyan (44%)
- Magenta (47%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (54%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D76DF 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 7D76DF by changing the saturation by 10% instead.

■ 7D76DF

■ 7D76DF

FFFFFF

■ 615DC3

■ B6AAFF

■ 4446A7

■ D3C6FF

■ 242F8C

■ F0E2FF

■ 001A72

FFFEFF

■ 000559

■ 000241

■ 00032A

■ 000114

■ 000000

 7D76DF

 7D76DF

 6860DF

 928CDF

 5349DF

 A7A3DF

 3F33DF

 BBB9DF

 2A1DDF

 D0CFDF

 1506DF

 E5E6DF

 0F00DF

 FAFCDF

 FFFFDF

Harmonies

Analogous

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



008AEC



7D76DF



BF5EBA

Triad

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



7D76DF



C66B27



009B7F

Complementary

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



7D76DF



D8DF76

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.



069749



7D76DF



9E8000

Square

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



7D76DF



DD5654



6B8E19



009BB4

Rectangle

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



7D76DF



D75199



6B8E19



009A6D

Sweetspot

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



7D76DF



DEDBFF



76D8DF



6B6A80



000000



808080

Same Dimension

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



7D76DF



776EFF



B276DF



666570



0C00B0



030030

Inverse Universe

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



DF76D8



FF6EF5



A3DF76



70656F



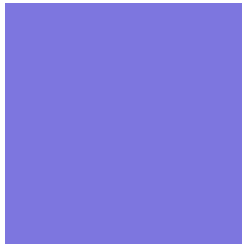
B000A4



30002D

Previews

White Background



This preview shows how the Hex color 7D76DF looks on a white background.

Color Contrast Check

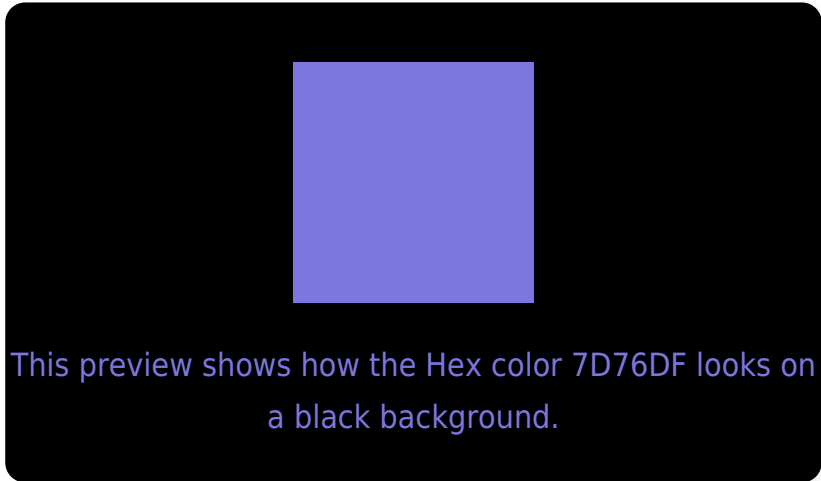
Large Text (above 18pt) WCAG AA ✓ Pass

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

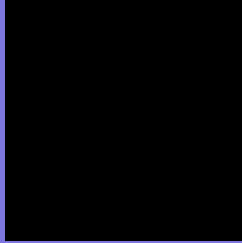
Any Text WCAG AA ✓ Pass

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 7D76DF Background



This preview shows how black text looks on a background with the Hex color 7D76DF.



This preview shows how white text looks on a background with the Hex color 7D76DF.

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](#).

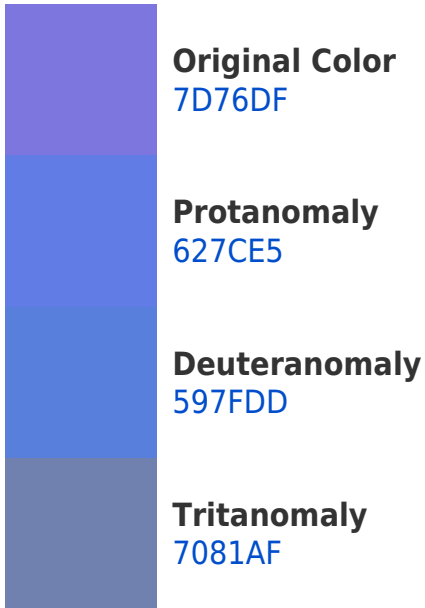
Dichromacy



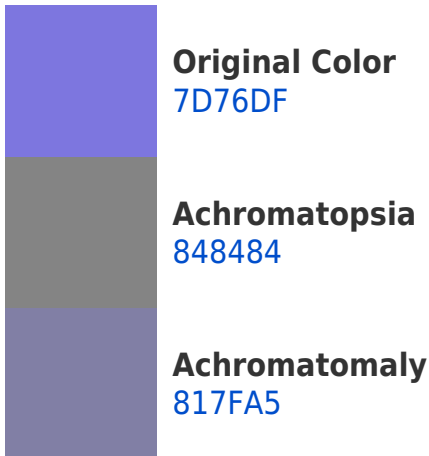


Tritanopia
698893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D76DF 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 #7D76DF looks like.

```
.text, #text, p{  
    color:#7D76DF  
}
```

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 #7D76DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D76DF
}
```

Border

The CSS property to change the border of an element to Hex 7D76DF 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
#7D76DF }
```

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

```
.border{ border-color:#7D76DF }
```

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

Here you see how a box with a 4 pixel #7D76DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D76DF; -webkit-box-shadow:4px 4px  
4px 4px #7D76DF; box-shadow:4px 4px 4px  
4px #7D76DF }
```

Background

The CSS property to change the background color of an element to Hex 7D76DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D76DF }
```

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

```
.background{ background-color:#7D76DF }
```

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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