

Converting Colors

Hex(7D96DE)

Have a look what the booklet for
Hex(7D96DE) contains.

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Color

Hex(7D96DE)

Conversions

Conversions Part 1

Format	Color
Hex	7D96DE
RGB	125, 150, 222
RGB Percent	49%, 59%, 87%
CMY	0.5098, 0.4118, 0.1294
CMYK	0.44, 0.32, 0.00, 0.13
HSL	225°, 60%, 68%
HSV	225°, 44%, 87%
XYZ	32.5486, 31.4466, 73.4615
YIQ	150.7330, -38.0120, 17.0920

Conversions

Conversions Part 2

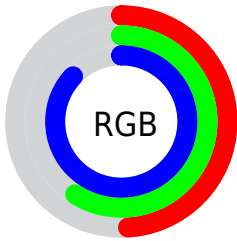
Format	Color
RYB	125, 145, 222
Decimal	8230622
CIELab	62.88, 9.80, -39.41
CIELCh	63, 40.609, 283.964
Yxy	31.4466, 0.2368, 0.2288
Android (android.graphics.Color)	4286420702 (0xFF7D96DE)
YUV	150.7330, 35.1346, -22.5678
Hunter-Lab	56.0773, 5.4705, -38.4162

Details

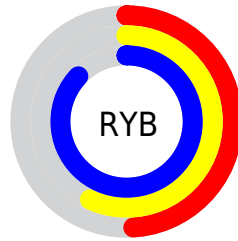
The Hex color **7D96DE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DEC57D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B5CCFF**, and **4564A6** is the 20% darker color. If you saturate the color by 10%, you get **6786DE**, and if you desaturate by 10%, it is **93A6DE**.

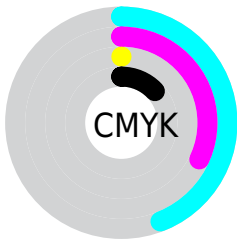
Distribution



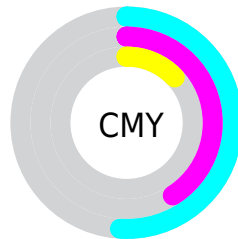
- Red (49%)
- Green (59%)
- Blue (87%)



- Red (49%)
- Yellow (57%)
- Blue (87%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D96DE 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 7D96DE by changing the saturation by 10% instead.

■ 7D96DE

■ 7D96DE

FFFFFF

■ 617CC2

■ B5CCFF

■ 4564A6

■ D2E8FF

■ 274C8C

■ EFFFFFF

■ 003672

■ 002159

■ 000941

■ 00032A

■ 000115

■ 000000

 7D96DE

 7D96DE

 6786DE

 93A6DE

 5175DE

 A9B7DE

 3A65DE

 C0C7DE

 2454DE

 D6D8DE

 0E44DE

 ECE8DE

 0039DE

 FFF9DE

 FFFFDE

Harmonies

Analogous

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



2FA1DD



7D96DE



B188CC

Triad

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



7D96DE



D68368



43AA83

Complementary

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



7D96DE



DEC57D

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.



76A463



7D96DE



BF8F52

Square

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



7D96DE



DD7B88



9E9B50



00ABA8

Rectangle

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



7D96DE



C980B8



9E9B50



56A877

Sweetspot

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



7D96DE



DEE6FF



7DDEC4



6B7080



000000



808080

Same Dimension

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



7D96DE



7A9DFF



947DDE



656870



002DB0



000C30

Inverse Universe

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



DE7D96



FF7A9D



C7DE7D



706568



B0002D



30000C

Previews

White Background



This preview shows how the Hex color 7D96DE looks on a white background.

Color Contrast Check

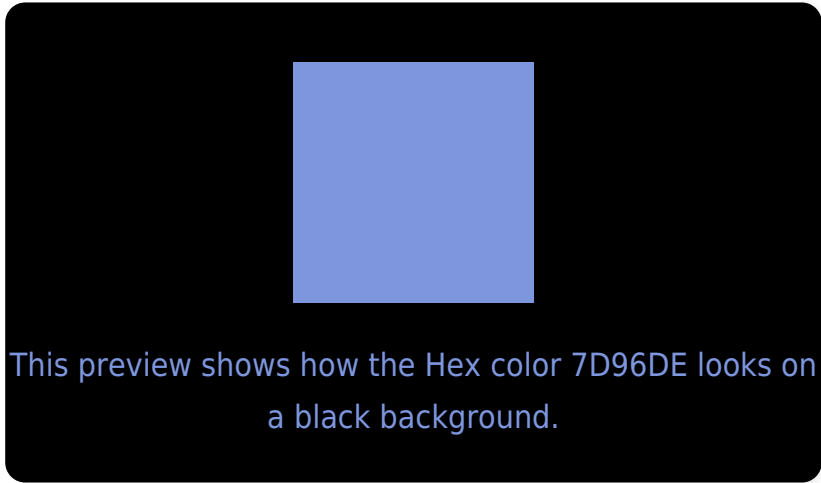
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7D96DE Background



This preview shows how black text looks on a background with the Hex color 7D96DE.

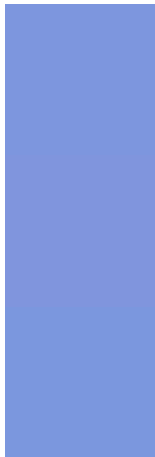


This preview shows how white text looks on a background with the Hex color 7D96DE.

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



Original Color
7D96DE

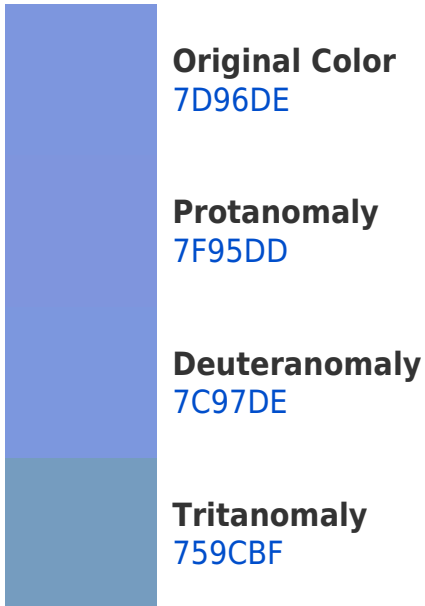
Protanopia
8095DD

Deuteranopia
7B97DE

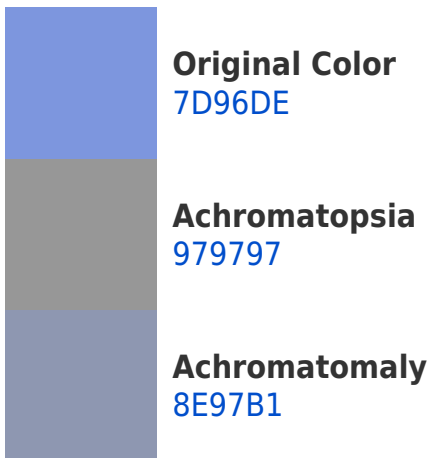


Tritanopia
70A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D96DE 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 #7D96DE looks like.

```
.text, #text, p{  
    color:#7D96DE  
}
```

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 #7D96DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D96DE
}
```

Border

The CSS property to change the border of an element to Hex 7D96DE 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
#7D96DE }
```

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

```
.border{ border-color:#7D96DE }
```

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

Here you see how a box with a 4 pixel #7D96DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D96DE; -webkit-box-shadow:4px 4px  
4px 4px #7D96DE; box-shadow:4px 4px 4px  
4px #7D96DE }
```

Background

The CSS property to change the background color of an element to Hex 7D96DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D96DE }
```

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

```
.background{ background-color:#7D96DE }
```

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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