

Converting Colors

Hex(7986D3)

Have a look what the booklet for
Hex(7986D3) contains.

| | |
|--|----|
| Hex(7986D3) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(7986D3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7986D3 |
| RGB | 121, 134, 211 |
| RGB Percent | 47%, 53%, 83% |
| CMY | 0.5255, 0.4745, 0.1725 |
| CMYK | 0.43, 0.36, 0.00, 0.17 |
| HSL | 231°, 51%, 65% |
| HSV | 231°, 43%, 83% |
| XYZ | 28.1681, 25.8183, 65.1268 |
| YIQ | 138.8910, -32.4650, 21.1910 |

Conversions

Conversions Part 2

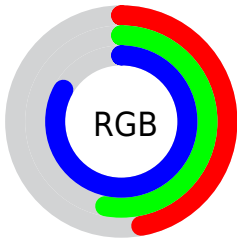
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 121, 132, 211 |
| Decimal | 7964371 |
| CIE _{Lab} | 57.86, 14.98, -41.16 |
| CIE _{LCh} | 58, 43.800, 289.995 |
| Yxy | 25.8183, 0.2365, 0.2168 |
| Android (android.graphics.Color) | 4286154451 (0xFF7986D3) |
| YUV | 138.8910, 35.5497, -15.6904 |
| Hunter-Lab | 50.8117, 10.0333, -40.4255 |

Details

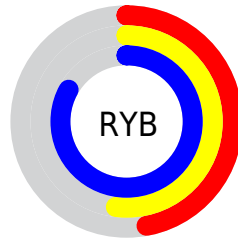
The Hex color **7986D3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D3C679**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B1BBFF**, and **42559C** is the 20% darker color. If you saturate the color by 10%, you get **6474D3**, and if you desaturate by 10%, it is **8E98D3**.

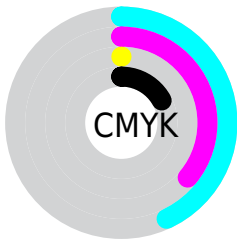
Distribution



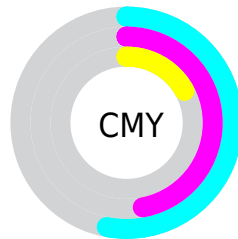
- Red (47%)
- Green (53%)
- Blue (83%)



- Red (47%)
- Yellow (52%)
- Blue (83%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7986D3 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 7986D3 by changing the saturation by 10% instead.

 7986D3

 7986D3

FFFFFF

 5E6DB7

 B1BBFF

 42559C

 CDD7FF

 253E82

 EAF3FF

 002868

 00154F

 000138

 000222

 000007

 000000

■ 7986D3

■ 7986D3

■ 6474D3

■ 8E98D3

■ 4F62D3

■ A3AAD3

■ 3A50D3

■ B8BCD3

■ 253ED3

■ CDCED3

■ 0F2CD3

■ E3E0D3

■ 001ED3

■ F8F2D3

■ FFFFD3

Harmonies

Analogous

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



1393D6



7986D3



AE77BD

Triad

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



7986D3



C77652



019E7C

Complementary

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



7986D3



D3C679

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.



5C9958



7986D3



AD843E

Square

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



7986D3



D36C73



889140



009EA4

Rectangle

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



7986D3



C46FA6



889140



329D6F

Sweetspot

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



7986D3



DEE3FF



79D3C5



6B6E80



000000



808080

Same Dimension

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



7986D3



7D90FF



9879D3



5E6069



0018A8



000629

Inverse Universe

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



D37986



FF7D90



B3D379



695E60



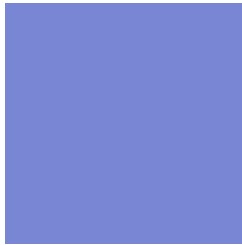
A80018



290006

Previews

White Background



This preview shows how the Hex color 7986D3 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 7986D3 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 7986D3 Background



This preview shows how black text looks on a background with the Hex color 7986D3.



This preview shows how white text looks on a background with the Hex color 7986D3.

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
7986D3

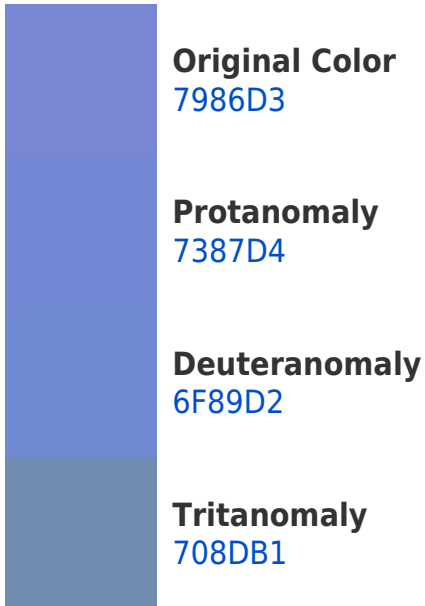
Protanopia
6F88D5

Deuteranopia
698AD2

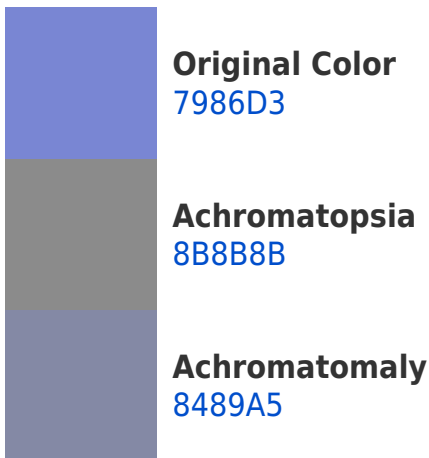


Tritanopia
6B919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7986D3 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 #7986D3 looks like.

```
.text, #text, p{  
    color:#7986D3  
}
```

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 #7986D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7986D3
}
```

Border

The CSS property to change the border of an element to Hex 7986D3 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
#7986D3 }
```

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

```
.border{ border-color:#7986D3 }
```

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

Here you see how a box with a 4 pixel #7986D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7986D3; -webkit-box-shadow:4px 4px  
4px 4px #7986D3; box-shadow:4px 4px 4px  
4px #7986D3 }
```

Background

The CSS property to change the background color of an element to Hex 7986D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7986D3 }
```

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

```
.background{ background-color:#7986D3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor