

Converting Colors

Hex(7B91D6)

Have a look what the booklet for
Hex(7B91D6) contains.

Hex(7B91D6)	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(7B91D6)

Conversions

Conversions Part 1

Format	Color
Hex	7B91D6
RGB	123, 145, 214
RGB Percent	48%, 57%, 84%
CMY	0.5176, 0.4314, 0.1608
CMYK	0.43, 0.32, 0.00, 0.16
HSL	225°, 53%, 66%
HSV	225°, 43%, 84%
XYZ	30.4314, 29.3168, 67.6731
YIQ	146.2880, -35.2610, 16.7950

Conversions

Conversions Part 2

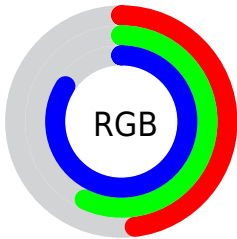
Format	Color
R_{YB}	123, 141, 214
Decimal	8098262
CIE _{Lab}	61.06, 9.90, -37.82
CIE _{LCh}	61, 39.092, 284.670
Yxy	29.3168, 0.2388, 0.2301
Android (android.graphics.Color)	4286288342 (0xFF7B91D6)
YUV	146.2880, 33.3820, -20.4236
Hunter-Lab	54.1450, 5.5695, -36.2021

Details

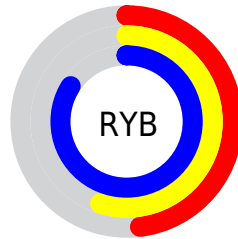
The Hex color **7B91D6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D6C07B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B3C7FF**, and **445F9F** is the 20% darker color. If you saturate the color by 10%, you get **6681D6**, and if you desaturate by 10%, it is **90A1D6**.

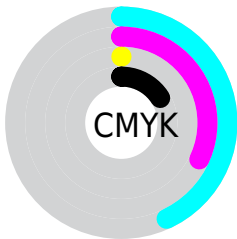
Distribution



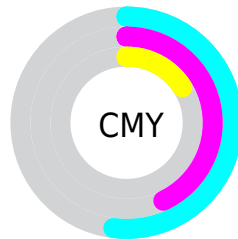
- Red (48%)
- Green (57%)
- Blue (84%)



- Red (48%)
- Yellow (55%)
- Blue (84%)



- Cyan (43%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B91D6 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 7B91D6 by changing the saturation by 10% instead.

■ 7B91D6

■ 7B91D6

FFFFFF

■ 6077BA

■ B3C7FF

■ 445F9F

■ CFE3FF

■ 274784

■ ECFFFF

■ 00316B

■ 001D52

■ 00023B

■ 000224

■ 00000C

■ 000000

 7B91D6

 7B91D6

 6681D6

 90A1D6

 5071D6

 A6B1D6

 3B60D6

 BBC2D6

 2550D6

 D1D2D6

 1040D6

 E6E2D6

 0034D6

 FBF2D6

 FFFFD6

Harmonies

Analogous

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



349CD5



7B91D6



AC84C5

Triad

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



7B91D6



CE7F64



41A480

Complementary

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



7B91D6



D6C07B

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.



729F61



7B91D6



B88B50

Square

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



7B91D6



D67884



98974F



00A5A4

Rectangle

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



7B91D6



C37CB2



98974F



53A375

Sweetspot

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



7B91D6



DEE6FF



7BD6BF



6B7080



000000



808080

Same Dimension

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



7B91D6



7D9CFF



927BD6



60636B



0029AB



000A2B

Inverse Universe

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



D67B91



FF7D9C



BFD67B



6B6063



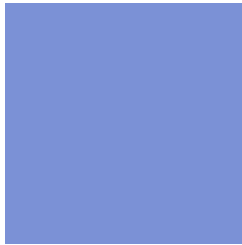
AB0029



2B000A

Previews

White Background



This preview shows how the Hex color 7B91D6 looks on a white background.

Color Contrast Check

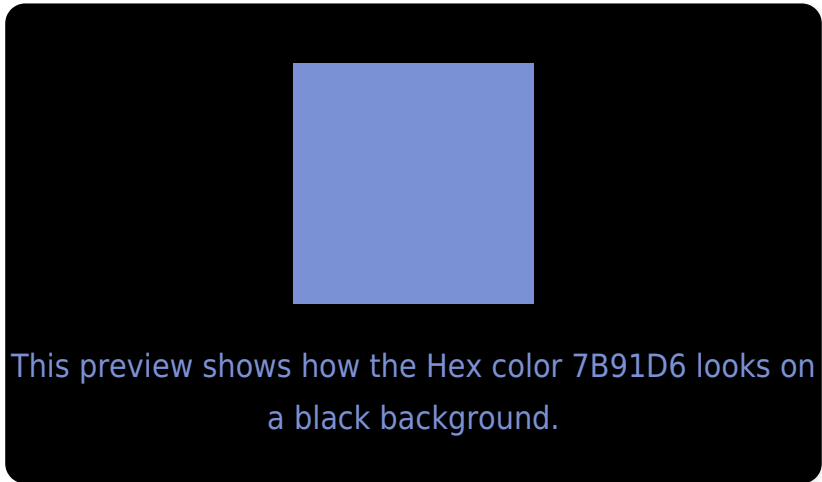
Large Text (above 18pt) WCAG AA ✓ Pass

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

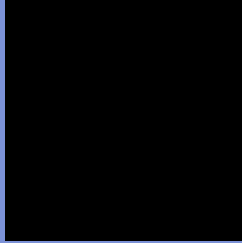
Any Text WCAG AA ✓ Pass

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 7B91D6 Background



This preview shows how black text looks on a background with the Hex color 7B91D6.



This preview shows how white text looks on a background with the Hex color 7B91D6.

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](#).

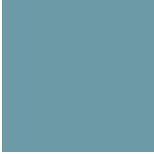
Dichromacy



Original Color
7B91D6

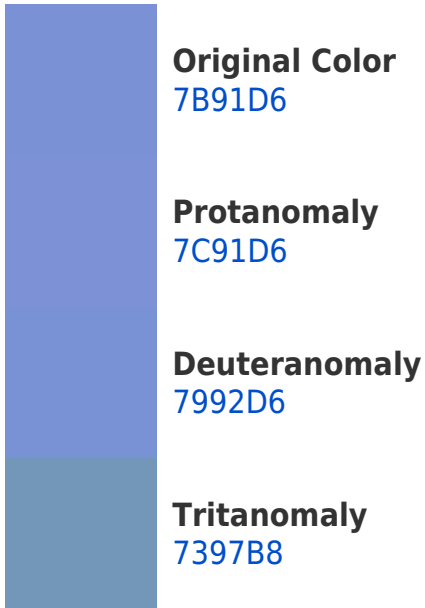
Protanopia
7C91D6

Deuteranopia
7892D6

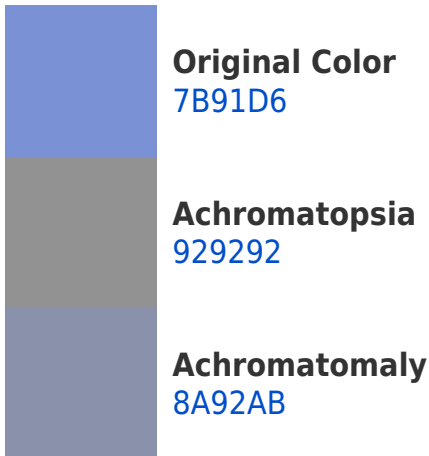


Tritanopia
6E9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B91D6 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 #7B91D6 looks like.

```
.text, #text, p{  
    color:#7B91D6  
}
```

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 #7B91D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B91D6
}
```

Border

The CSS property to change the border of an element to Hex 7B91D6 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
#7B91D6 }
```

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

```
.border{ border-color:#7B91D6 }
```

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

Here you see how a box with a 4 pixel #7B91D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B91D6; -webkit-box-shadow:4px 4px  
4px 4px #7B91D6; box-shadow:4px 4px 4px  
4px #7B91D6 }
```

Background

The CSS property to change the background color of an element to Hex 7B91D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B91D6 }
```

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

```
.background{ background-color:#7B91D6 }
```

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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