

Converting Colors

Hex(7391B5)

Have a look what the booklet for
Hex(7391B5) contains.

Hex(7391B5)	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(7391B5)

Conversions

Conversions Part 1

Format	Color
Hex	7391B5
RGB	115, 145, 181
RGB Percent	45%, 57%, 71%
CMY	0.5490, 0.4314, 0.2902
CMYK	0.36, 0.20, 0.00, 0.29
HSL	213°, 31%, 58%
HSV	213°, 36%, 71%
XYZ	25.5361, 27.2318, 47.6264
YIQ	140.1340, -29.4360, 4.8360

Conversions

Conversions Part 2

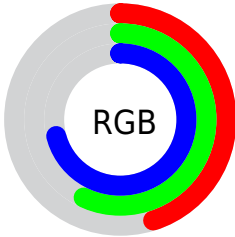
Format	Color
RYB	115, 136, 181
Decimal	7573941
CIELab	59.19, -1.45, -22.18
CIElCh	59, 22.232, 266.249
Yxy	27.2318, 0.2544, 0.2712
Android (android.graphics.Color)	4285764021 (0xFF7391B5)
YUV	140.1340, 20.1469, -22.0425
Hunter-Lab	52.1841, -3.9739, -17.5828

Details

The Hex color **7391B5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B59773**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A9C7ED**, and **3F5F80** is the 20% darker color. If you saturate the color by 10%, you get **6187B5**, and if you desaturate by 10%, it is **859BB5**.

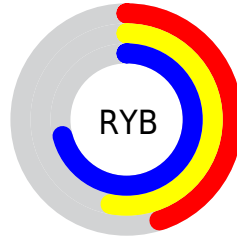
Distribution



Red (45%)

Green (57%)

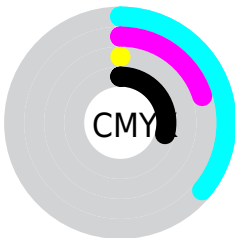
Blue (71%)



Red (45%)

Yellow (53%)

Blue (71%)

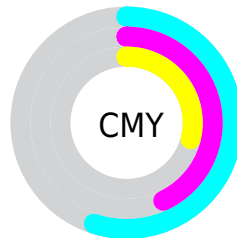


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7391B5 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 7391B5 by changing the saturation by 10% instead.

■ 7391B5

■ 7391B5

FFFFFF

■ 59779A

■ A9C7ED

■ 3F5F80

■ C5E3FF

■ 264767

■ E1FFFF

■ 07314F

FEFFFF

■ 001C38

■ 000222

■ 000009

■ 000000

■ 7391B5

■ 7391B5

6187B5

859BB5

4F7DB5

97A5B5

3D73B5

A9AFB5

2B6AB5

BBB8B5

1960B5

CEC2B5

0656B5

E0CCB5

0052B5

F2D6B5

FFE0B5

FFEAB5

Harmonies

Analogous

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



5C96AE



7391B5



8E8AB1

Triad

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



7391B5



B6817E



749778

Complementary

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



7391B5



B59773

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.



8B936B



7391B5



AF866F

Square

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



7391B5



B38092



9F8C68



60998B

Rectangle

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



7391B5



9E86AA



9F8C68



7C9673

Sweetspot

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



7391B5



D1DDEB



73B596



666D75



F5F5F5



757575

Same Dimension

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



7391B5



83B2EB



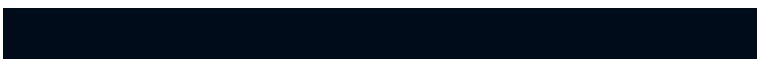
7573B5



505459



004699



000C1A

Inverse Universe

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



B57391



EB83B2



B3B573



595054



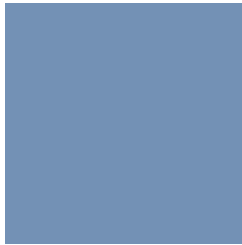
990046



1A000C

Previews

White Background



This preview shows how the Hex color 7391B5 looks on a white background.

Color Contrast Check

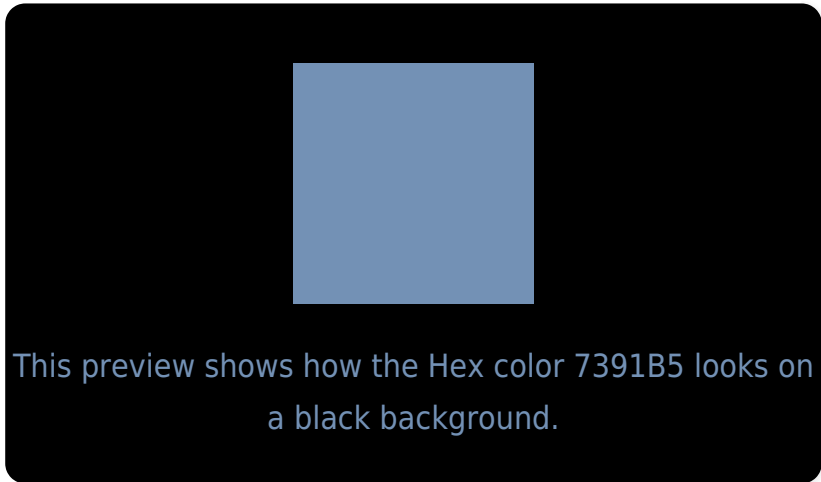
Large Text (above 18pt) WCAG AA ✓ Pass

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

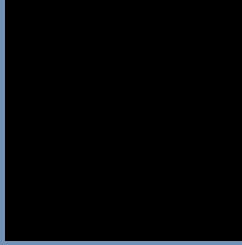
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

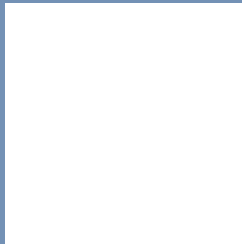
Any Text WCAG AAA × Fail

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

Hex 7391B5 Background



This preview shows how black text looks on a background with the Hex color 7391B5.



This preview shows how white text looks on a background with the Hex color 7391B5.

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](#).

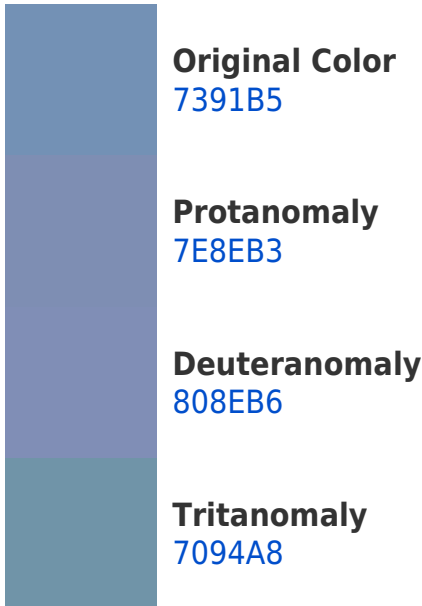
Dichromacy



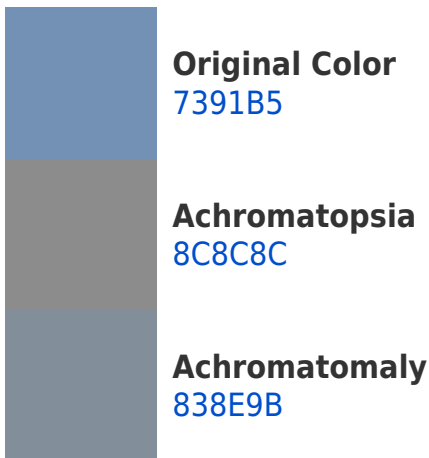


Tritanopia
6E95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7391B5 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 #7391B5 looks like.

```
.text, #text, p{  
    color:#7391B5  
}
```

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 #7391B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7391B5
}
```

Border

The CSS property to change the border of an element to Hex 7391B5 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
#7391B5 }
```

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

```
.border{ border-color:#7391B5 }
```

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

Here you see how a box with a 4 pixel #7391B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7391B5; -webkit-box-shadow:4px 4px  
4px 4px #7391B5; box-shadow:4px 4px 4px  
4px #7391B5 }
```

Background

The CSS property to change the background color of an element to Hex 7391B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7391B5 }
```

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

```
.background{ background-color:#7391B5 }
```

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