

Converting Colors

Hex(3B7F91)

Have a look what the booklet for
Hex(3B7F91) contains.

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Color

Hex(3B7F91)

Conversions

Conversions Part 1

Format	Color
Hex	3B7F91
RGB	59, 127, 145
RGB Percent	23%, 50%, 57%
CMY	0.7686, 0.5020, 0.4314
CMYK	0.59, 0.12, 0.00, 0.43
HSL	193°, 42%, 40%
HSV	193°, 59%, 57%
XYZ	14.5038, 18.1529, 29.5275
YIQ	108.7200, -46.3060, -8.8180

Conversions

Conversions Part 2

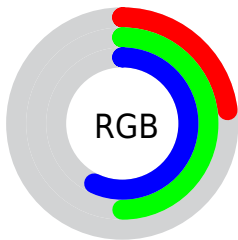
Format	Color
R _{YB}	59, 97, 145
Decimal	3899281
CIE _{Lab}	49.68, -15.92, -16.21
CIE _{LCh}	50, 22.721, 225.522
Y _{xy}	18.1529, 0.2332, 0.2919
Android (android.graphics.Color)	4282089361 (0xFF3B7F91)
YUV	108.7200, 17.8860, -43.6044
Hunter-Lab	42.6062, -13.7966, -11.2656

Details

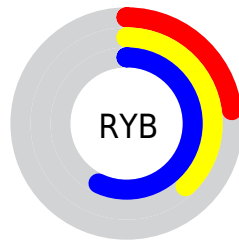
The Hex color **3B7F91** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **914D3B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **72B4C7**, and **004E5F** is the 20% darker color. If you saturate the color by 10%, you get **2D7C91**, and if you desaturate by 10%, it is **4A8291**.

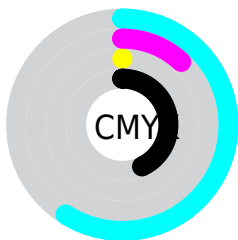
Distribution



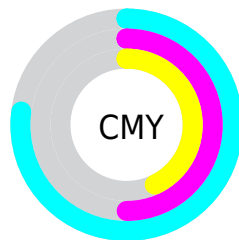
- Red (23%)
- Green (50%)
- Blue (57%)



- Red (23%)
- Yellow (38%)
- Blue (57%)



- Cyan (59%)
- Magenta (12%)
- Yellow (0%)
- Black (43%)



- Cyan (77%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7F91 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 3B7F91 by changing the saturation by 10% instead.

■ 3B7F91

■ 3B7F91

FFFFFF

■ 1C6677

■ 72B4C7

■ 004E5F

■ 8ECFE3

■ 003747

■ AAECFF

■ 002130

■ C6FFFF

■ 00021C

■ E3FFFF

■ 000000

■ 3B7F91

■ 3B7F91

■ 2D7C91

■ 4A8291

■ 1E7991

■ 588591

0F7691

668891

017391

758B91

007391

848E91

929191

A19491

AF9791

BE9A91

Harmonies

Analogous

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



3C8180



3B7F91



507B9B

Triad

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



3B7F91



966980



7A7851

Complementary

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



3B7F91



914D3B

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.



8C7251



3B7F91



9D686D

Square

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



3B7F91



856E91



996C5B



647D5B

Rectangle

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



3B7F91



62779C



996C5B



807650

Sweetspot

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



3B7F91



9BB6BD



3B914C



4A5A5E



DEDEDE



5E5E5E

Same Dimension

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



3B7F91



37A1BD



3B5591



404647



006B87



000608

Inverse Universe

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



913B7F



BD37A1



91773B



474046



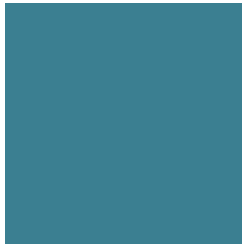
87006B



080006

Previews

White Background



This preview shows how the Hex color 3B7F91 looks on a white background.

Color Contrast Check

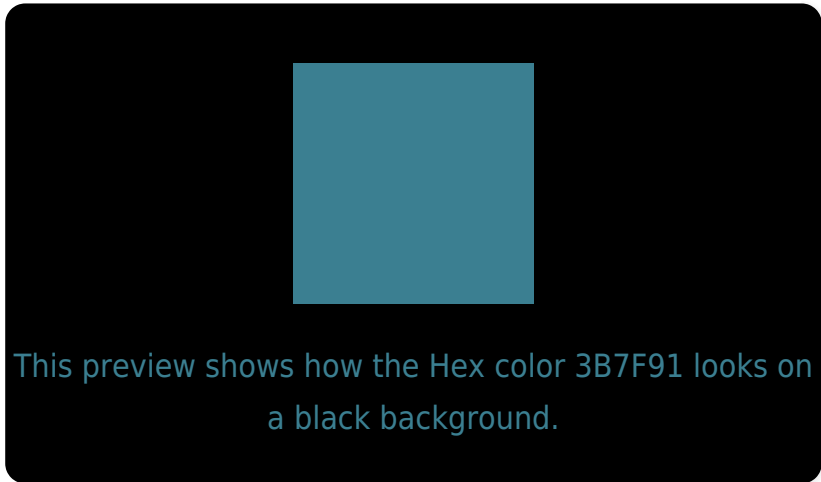
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

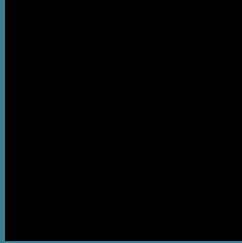
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

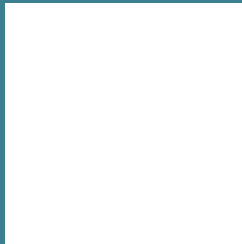
Any Text WCAG AAA × Fail

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

Hex 3B7F91 Background



This preview shows how black text looks on a background with the Hex color 3B7F91.

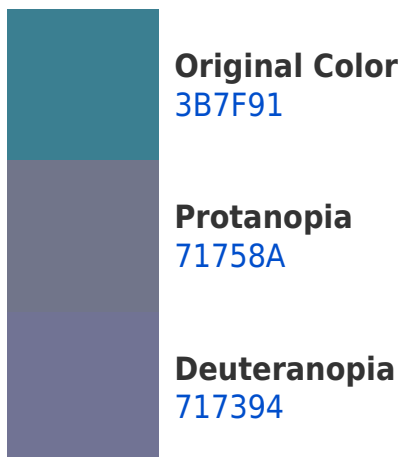


This preview shows how white text looks on a background with the Hex color 3B7F91.

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
38808A

Trichromacy



Original Color
3B7F91

Protanomaly
5D798D

Deuteranomaly
5D7793

Tritanomaly
39808D

Monochromacy



Original Color
3B7F91

Achromatopsia
6D6D6D

Achromatomaly
5B747A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7F91 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 #3B7F91 looks like.

```
.text, #text, p{  
    color:#3B7F91  
}
```

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 #3B7F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7F91
}
```

Border

The CSS property to change the border of an element to Hex 3B7F91 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
#3B7F91 }
```

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

```
.border{ border-color:#3B7F91 }
```

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

Here you see how a box with a 4 pixel #3B7F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7F91; -webkit-box-shadow:4px 4px  
4px 4px #3B7F91; box-shadow:4px 4px 4px  
4px #3B7F91 }
```

Background

The CSS property to change the background color of an element to Hex 3B7F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7F91 }
```

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

```
.background{ background-color:#3B7F91 }
```

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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