

Converting Colors

Hex(6B7D90)

Have a look what the booklet for
Hex(6B7D90) contains.

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Color

Hex(6B7D90)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6B7D90 |
| RGB | 107, 125, 144 |
| RGB Percent | 42%, 49%, 56% |
| CMY | 0.5804, 0.5098, 0.4353 |
| CMYK | 0.26, 0.13, 0.00, 0.44 |
| HSL | 211°, 15%, 49% |
| HSV | 211°, 26%, 56% |
| XYZ | 18.4311, 19.8066, 29.2372 |
| YIQ | 121.7840, -16.8270, 2.0930 |

Conversions

Conversions Part 2

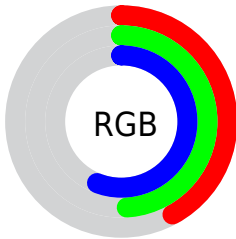
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 107, 119, 144 |
| Decimal | 7044496 |
| CIE _{Lab} | 51.62, -2.05, -12.45 |
| CIE _{LCh} | 52, 12.615, 260.645 |
| Yxy | 19.8066, 0.2732, 0.2935 |
| Android (android.graphics.Color) | 4285234576 (0xFF6B7D90) |
| YUV | 121.7840, 10.9525, -12.9656 |
| Hunter-Lab | 44.5047, -3.9596, -7.7971 |

Details

The Hex color **6B7D90** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **907E6B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9FB2C6**, and **3B4C5E** is the 20% darker color. If you saturate the color by 10%, you get **5D7690**, and if you desaturate by 10%, it is **798490**.

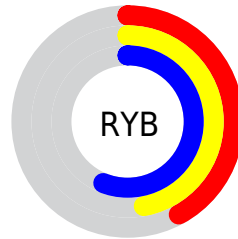
Distribution



Red (42%)

Green (49%)

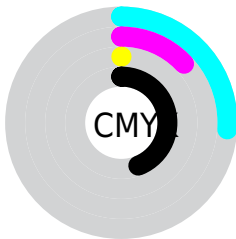
Blue (56%)



Red (42%)

Yellow (47%)

Blue (56%)

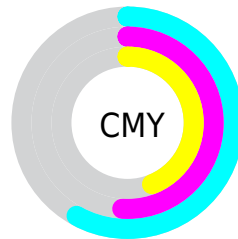


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7D90 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 6B7D90 by changing the saturation by 10% instead.

6B7D90

6B7D90

FFFFFF

526476

9FB2C6

3B4C5E

BACDE2

243646

D6E9FE

0D2030

F3FFFF

00091B

000000

6B7D90

6B7D90

5D7690

798490

4E6E90

888C90

■ 406790

■ 969390

■ 315F90

■ A59B90

■ 235890

■ B3A290

■ 155190

■ C1A990

■ 064990

■ D0B190

■ 004690

■ DEB890

■ EDC090

Harmonies

Analogous

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



61808B



6B7D90



79798F

Triad

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



6B7D90



927474



6F806D

Complementary

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



6B7D90



907E6B

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.



7C7D67



6B7D90



8F766B

Square

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



6B7D90



8F747F



877966



648177

Rectangle

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



6B7D90



82778B



877966



737F6A

Sweetspot

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



6B7D90



ABB3BA



6B907E



555A5E



DEDEDE



5E5E5E

Same Dimension

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



6B7D90



809DBA



6B6B90



404447



004287



000408

Inverse Universe

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



906B7D



BA809D



90906B



474044



870042



080004

Previews

White Background



This preview shows how the Hex color 6B7D90 looks on a white background.

Color Contrast Check

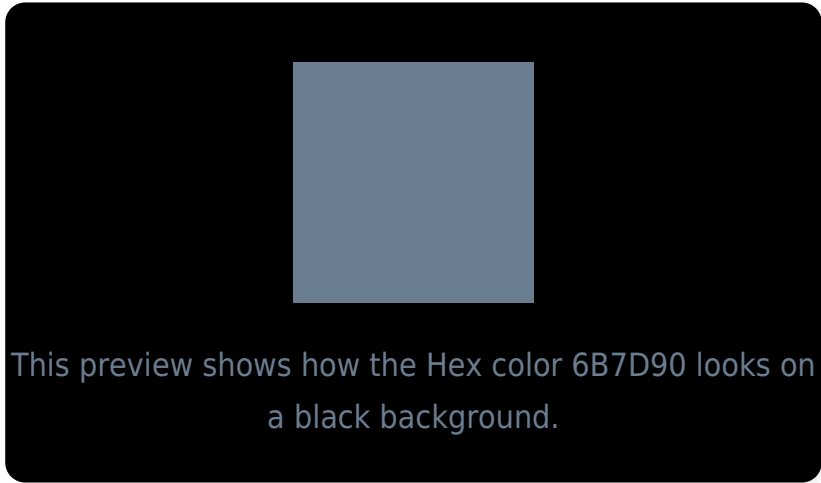
Large Text (above 18pt) WCAG AA ✓ Pass

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

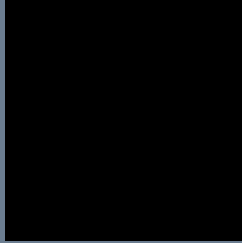
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

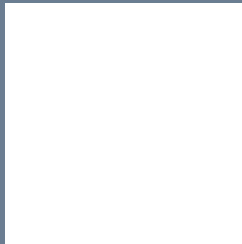
Any Text WCAG AAA × Fail

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

Hex 6B7D90 Background



This preview shows how black text looks on a background with the Hex color 6B7D90.

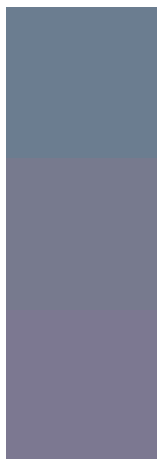


This preview shows how white text looks on a background with the Hex color 6B7D90.

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
6B7D90

Protanopia
777A8E

Deuteranopia
7C7891



Tritanopia
697E88

Trichromacy



Original Color
6B7D90

Protanomaly
737B8F

Deuteranomaly
767A91

Tritanomaly
6A7E8B

Monochromacy



Original Color
6B7D90

Achromatopsia
7A7A7A

Achromatomaly
757B82

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7D90 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 #6B7D90 looks like.

```
.text, #text, p{  
    color:#6B7D90  
}
```

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 #6B7D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7D90
}
```

Border

The CSS property to change the border of an element to Hex 6B7D90 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
#6B7D90 }
```

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

```
.border{ border-color:#6B7D90 }
```

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

Here you see how a box with a 4 pixel #6B7D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7D90; -webkit-box-shadow:4px 4px  
4px 4px #6B7D90; box-shadow:4px 4px 4px  
4px #6B7D90 }
```

Background

The CSS property to change the background color of an element to Hex 6B7D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7D90 }
```

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

```
.background{ background-color:#6B7D90 }
```

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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