

Converting Colors

Hex(0B5F81)

Have a look what the booklet for
Hex(0B5F81) contains.

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Color

Hex(0B5F81)

Conversions

Conversions Part 1

Format	Color
Hex	0B5F81
RGB	11, 95, 129
RGB Percent	4%, 37%, 51%
CMY	0.9569, 0.6275, 0.4941
CMYK	0.91, 0.26, 0.00, 0.49
HSL	197°, 84%, 27%
HSV	197°, 91%, 51%
XYZ	8.1927, 9.8405, 22.2365
YIQ	73.7600, -60.9780, -7.2340

Conversions

Conversions Part 2

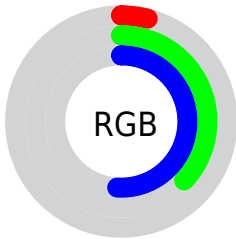
Format	Color
R_{YB}	11, 60, 129
Decimal	745345
CIE _{Lab}	37.55, -9.97, -25.44
CIE _{LCh}	38, 27.327, 248.599
Yxy	9.8405, 0.2034, 0.2444
Android (android.graphics.Color)	4278935425 (0xFF0B5F81)
YUV	73.7600, 27.2333, -55.0405
Hunter-Lab	31.3696, -8.2788, -20.0692

Details

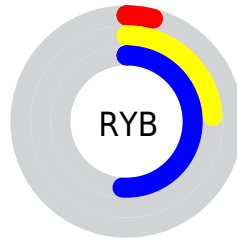
The Hex color **0B5F81** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **812D0B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5191B6**, and **003150** is the 20% darker color. If you saturate the color by 10%, you get **005C81**, and if you desaturate by 10%, it is **186381**.

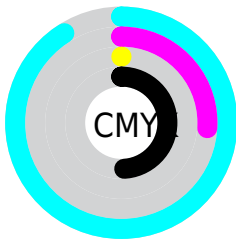
Distribution



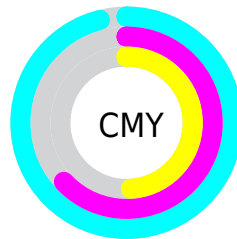
- Red (4%)
- Green (37%)
- Blue (51%)



- Red (4%)
- Yellow (24%)
- Blue (51%)



- Cyan (91%)
- Magenta (26%)
- Yellow (0%)
- Black (49%)



- Cyan (96%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B5F81 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 0B5F81 by changing the saturation by 10% instead.

0B5F81

0B5F81

FFFFFF

004768

5191B6

003150

6DACD2

001D38

89C7EE

000223

A5E3FF

00000A

C2FFFF

000000

DFFFFF

FDFFFF

0B5F81

0B5F81

■ 005C81

■ 186381

■ 256681

■ 326A81

■ 3F6E81

■ 4C7281

■ 587581

■ 657981

■ 727D81

■ 7F8081

Harmonies

Analogous

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



006373



0B5F81



415884

Triad

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



0B5F81



824753



485F35

Complementary

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



0B5F81



812D0B

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.



60592C



0B5F81



804A3E

Square

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



0B5F81



794969



73522F



2B6348

Rectangle

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



0B5F81



59537F



73522F



515D31

Sweetspot

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



0B5F81



7B9BA8



0B812C



394C54



D4D4D4



545454

Same Dimension

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



0B5F81



0078A8



0B2581



393E40



005B80



000000

Inverse Universe

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



810B5F



A80078



81670B



40393E



80005B



000000

Previews

White Background



This preview shows how the Hex color 0B5F81 looks on a white background.

Color Contrast Check

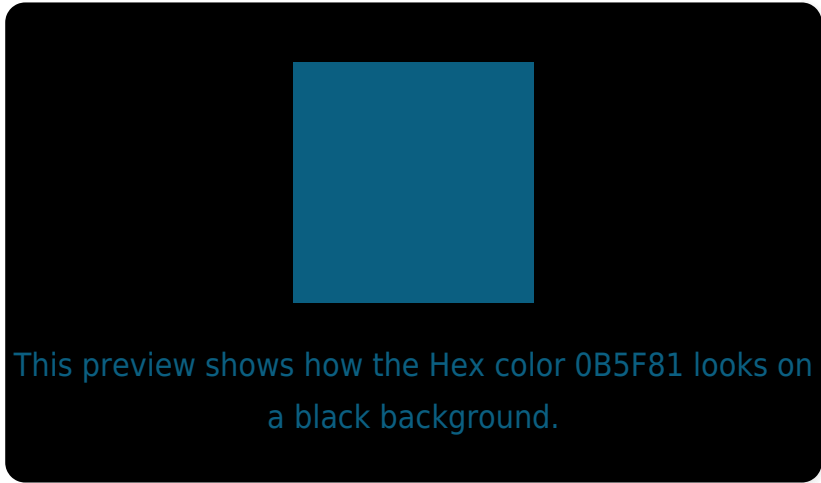
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

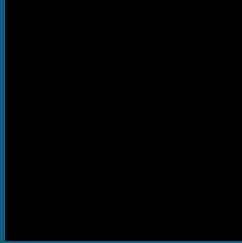
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0B5F81 Background



This preview shows how black text looks on a background with the Hex color 0B5F81.

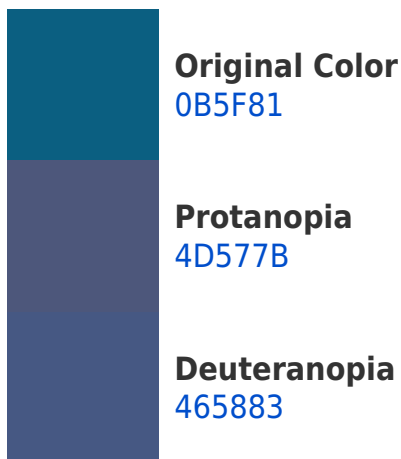



This preview shows how white text looks on a background with the Hex color 0B5F81.

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](#).

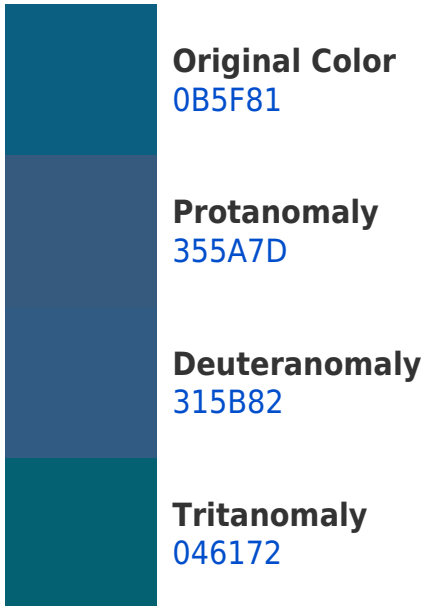
Dichromacy



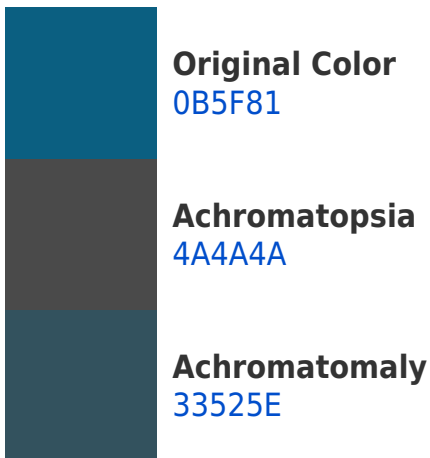


Tritanopia
00626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0B5F81 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 #0B5F81 looks like.

```
.text, #text, p{  
    color:#0B5F81  
}
```

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 #0B5F81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5F81
}
```

Border

The CSS property to change the border of an element to Hex 0B5F81 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
#0B5F81 }
```

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

```
.border{ border-color:#0B5F81 }
```

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

Here you see how a box with a 4 pixel #0B5F81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5F81; -webkit-box-shadow:4px 4px  
4px 4px #0B5F81; box-shadow:4px 4px 4px  
4px #0B5F81 }
```

Background

The CSS property to change the background color of an element to Hex 0B5F81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5F81 }
```

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

```
.background{ background-color:#0B5F81 }
```

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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