

Converting Colors

Hex(1B6F85)

Have a look what the booklet for
Hex(1B6F85) contains.

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Color

Hex(1B6F85)

Conversions

Conversions Part 1

Format	Color
Hex	1B6F85
RGB	27, 111, 133
RGB Percent	11%, 44%, 52%
CMY	0.8941, 0.5647, 0.4784
CMYK	0.80, 0.17, 0.00, 0.48
HSL	192°, 66%, 31%
HSV	192°, 80%, 52%
XYZ	10.3701, 13.2953, 24.2100
YIQ	88.3920, -57.1260, -10.9660

Conversions

Conversions Part 2

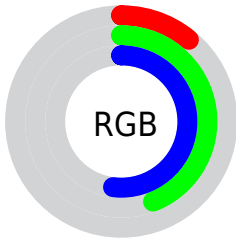
Format	Color
RYB	27, 74, 133
Decimal	1798021
CIELab	43.20, -16.27, -19.09
CIElCh	43, 25.083, 229.547
Yxy	13.2953, 0.2166, 0.2777
Android (android.graphics.Color)	4279988101 (0xFF1B6F85)
YUV	88.3920, 21.9917, -53.8408
Hunter-Lab	36.4628, -13.0442, -13.8425

Details

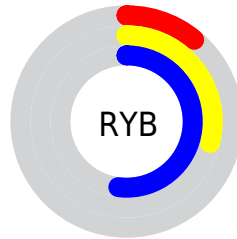
The Hex color **1B6F85** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85311B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5AA3BA**, and **003F53** is the 20% darker color. If you saturate the color by 10%, you get **0E6C85**, and if you desaturate by 10%, it is **287285**.

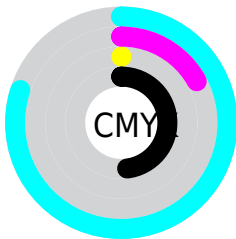
Distribution



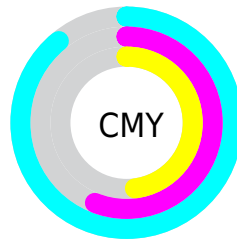
- Red (11%)
- Green (44%)
- Blue (52%)



- Red (11%)
- Yellow (29%)
- Blue (52%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (89%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6F85 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 1B6F85 by changing the saturation by 10% instead.

■ 1B6F85

■ 1B6F85

FFFFFF

■ 00576C

■ 5AA3BA

■ 003F53

■ 76BED6

■ 00293C

■ 92DAF2

■ 001526

■ AEF6FF

■ 000111

■ CBFFFF

■ 000000

■ E8FFFF

■ 1B6F85

■ 1B6F85

■ 0E6C85

■ 287285

■ 006985

■ 367585

■ 437785

■ 507A85

■ 5E7D85

■ 6B8085

■ 788285

■ 858585

■ 938885

Harmonies

Analogous

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



1A7173



1B6F85



3C6A8E

Triad

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



1B6F85



8A576E



66693E

Complementary

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



1B6F85



85311B

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.



7A623D



1B6F85



8F5759

Square

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



1B6F85



795C81



895B47



4E6E4A

Rectangle

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



1B6F85



53668F



895B47



6D673D

Sweetspot

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



1B6F85



84A5AD



1B8530



3E5157



D6D6D6



575757

Same Dimension

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



1B6F85



078BAD



1B3B85



3C4142



006782



000203

Inverse Universe

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



851B6F



AD078B



85651B



423C41



820067



030002

Previews

White Background



This preview shows how the Hex color 1B6F85 looks on a white background.

Color Contrast Check

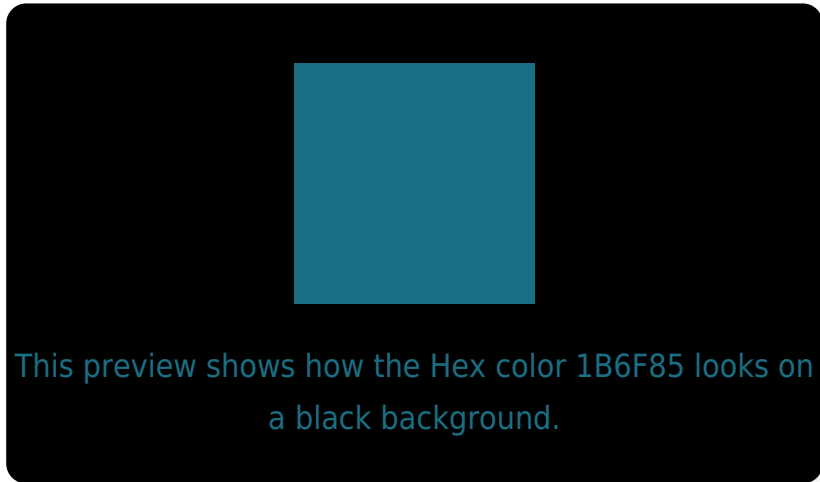
Large Text (above 18pt) WCAG AA ✓ Pass

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

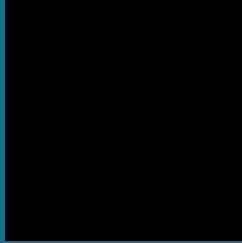
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

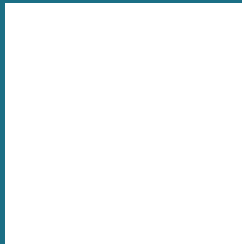
Any Text WCAG AAA × Fail

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

Hex 1B6F85 Background



This preview shows how black text looks on a background with the Hex color 1B6F85.

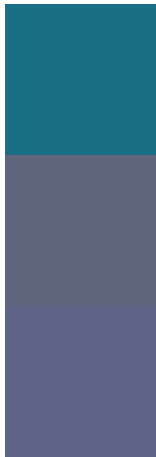


This preview shows how white text looks on a background with the Hex color 1B6F85.

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
1B6F85

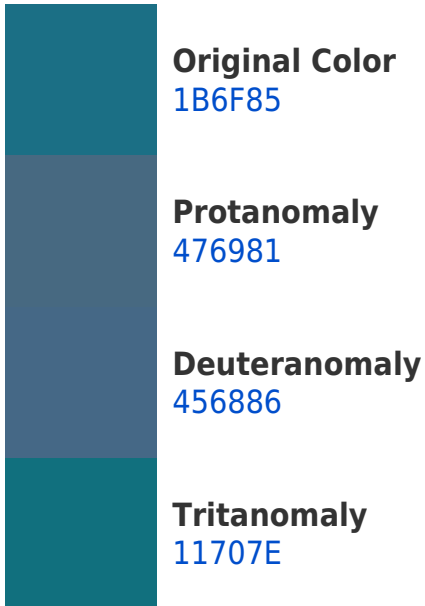
Protanopia
60657E

Deuteranopia
5D6487



Tritanopia
0C717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6F85 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 #1B6F85 looks like.

```
.text, #text, p{  
    color:#1B6F85  
}
```

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 #1B6F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6F85
}
```

Border

The CSS property to change the border of an element to Hex 1B6F85 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
#1B6F85 }
```

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

```
.border{ border-color:#1B6F85 }
```

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

Here you see how a box with a 4 pixel #1B6F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6F85; -webkit-box-shadow:4px 4px  
4px 4px #1B6F85; box-shadow:4px 4px 4px  
4px #1B6F85 }
```

Background

The CSS property to change the background color of an element to Hex 1B6F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6F85 }
```

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

```
.background{ background-color:#1B6F85 }
```

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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