

Converting Colors

Hex(1B6E85)

Have a look what the booklet for
Hex(1B6E85) contains.

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Color

Hex(1B6E85)

Conversions

Conversions Part 1

Format	Color
Hex	1B6E85
RGB	27, 110, 133
RGB Percent	11%, 43%, 52%
CMY	0.8941, 0.5686, 0.4784
CMYK	0.80, 0.17, 0.00, 0.48
HSL	193°, 66%, 31%
HSV	193°, 80%, 52%
XYZ	10.2616, 13.0783, 24.1738
YIQ	87.8050, -56.8510, -10.4430

Conversions

Conversions Part 2

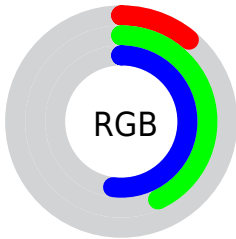
Format	Color
R_{YB}	27, 74, 133
Decimal	1797765
CIE _{Lab}	42.88, -15.71, -19.58
CIE _{LCh}	43, 25.110, 231.257
Yxy	13.0783, 0.2160, 0.2753
Android (android.graphics.Color)	4279987845 (0xFF1B6E85)
YUV	87.8050, 22.2811, -53.3260
Hunter-Lab	36.1640, -12.6374, -14.3177




Details

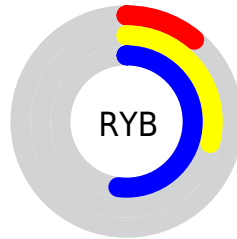
The Hex color **1B6E85** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85321B**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **5AA2BA**, and **003E53** is the 20% darker color. If you saturate the color by 10%, you get **0E6B85**, and if you desaturate by 10%, it is **287185**.

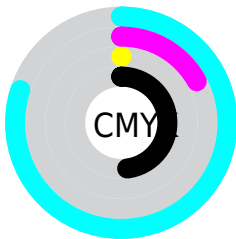
Distribution







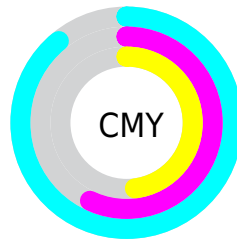
-  Red (11%)
-  Green (43%)
-  Blue (52%)






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



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



-  Cyan (89%)
-  Magenta (57%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6E85 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 1B6E85 by changing the saturation by 10% instead.

■ 1B6E85

■ 1B6E85

FFFFFF

■ 00566C

■ 5AA2BA

■ 003E53

■ 76BDD6

■ 00283C

■ 92D9F2

■ 001426

■ AEF5FF

■ 000111

■ CBFFFF

■ 000000

■ E8FFFF

■ 1B6E85

■ 1B6E85

■ 0E6B85

■ 287185

006885

367485

437785

507A85

5E7C85

6B7F85

788285

858585

938885

Harmonies

Analogous

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



177074



1B6E85



3D698E

Triad

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



1B6E85



8A566C



64693E

Complementary

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



1B6E85



85321B

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.



79623C



1B6E85



8E5657

Square

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



1B6E85



7A5B7F



875B46



4C6D4B

Rectangle

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



1B6E85



54658E



875B46



6B673C

Sweetspot

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



1B6E85



84A4AD



1B8532



3E5157



D6D6D6



575757

Same Dimension

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



1B6E85



0789AD



1B3985



3C4142



006682



000203

Inverse Universe

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



851B6E



AD0789



85671B



423C41



820066



030002

Previews

White Background



This preview shows how the Hex color 1B6E85 looks on a white background.

Color Contrast Check

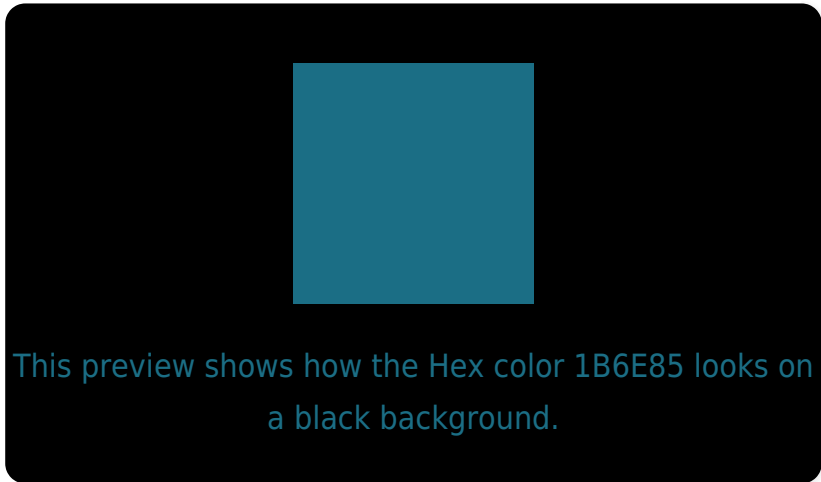
Large Text (above 18pt) WCAG AA ✓ Pass

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

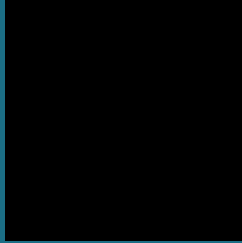
Any Text WCAG AA × Fail

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 1B6E85 Background



This preview shows how black text looks on a background with the Hex color 1B6E85.

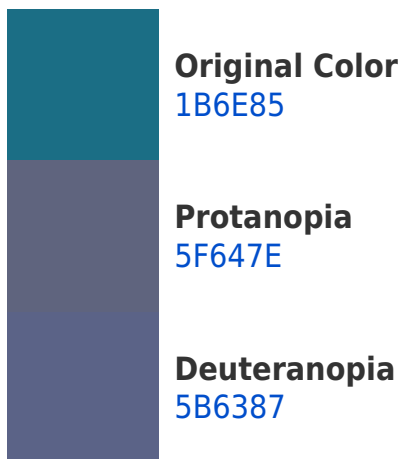


This preview shows how white text looks on a background with the Hex color 1B6E85.

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
097079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6E85 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 #1B6E85 looks like.

```
.text, #text, p{  
    color:#1B6E85  
}
```

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 #1B6E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6E85
}
```

Border

The CSS property to change the border of an element to Hex 1B6E85 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
#1B6E85 }
```

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

```
.border{ border-color:#1B6E85 }
```

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

Here you see how a box with a 4 pixel #1B6E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6E85; -webkit-box-shadow:4px 4px  
4px 4px #1B6E85; box-shadow:4px 4px 4px  
4px #1B6E85 }
```

Background

The CSS property to change the background color of an element to Hex 1B6E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6E85 }
```

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

```
.background{ background-color:#1B6E85 }
```

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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