

Converting Colors

Hex(1B736A)

Have a look what the booklet for
Hex(1B736A) contains.

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Color

Hex(1B736A)

Conversions

Conversions Part 1

Format	Color
Hex	1B736A
RGB	27, 115, 106
RGB Percent	11%, 45%, 42%
CMY	0.8941, 0.5490, 0.5843
CMYK	0.77, 0.00, 0.08, 0.55
HSL	174°, 62%, 28%
HSV	174°, 77%, 45%
XYZ	9.1842, 13.5351, 15.7641
YIQ	87.6620, -49.5590, -21.4550

Conversions

Conversions Part 2

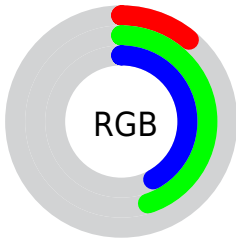
Format	Color
R_{YB}	27, 73, 115
Decimal	1799018
CIE _{Lab}	43.56, -27.28, -2.33
CIE _{LCh}	44, 27.376, 184.885
Yxy	13.5351, 0.2387, 0.3517
Android (android.graphics.Color)	4279989098 (0xFF1B736A)
YUV	87.6620, 9.0406, -53.2006
Hunter-Lab	36.7901, -19.8220, 0.3479

Details

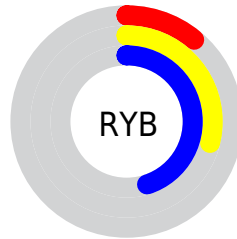
The Hex color **1B736A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **731B24**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **57A79D**, and **00423B** is the 20% darker color. If you saturate the color by 10%, you get **107369**, and if you desaturate by 10%, it is **27736B**.

Distribution



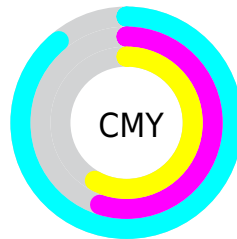
- Red (11%)
- Green (45%)
- Blue (42%)



- Red (11%)
- Yellow (29%)
- Blue (45%)



- Cyan (77%)
- Magenta (0%)
- Yellow (8%)
- Black (55%)



- Cyan (89%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B736A 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 1B736A by changing the saturation by 10% instead.

 1B736A

 1B736A

FFFFFF

 005A52

 57A79D

 00423B

 72C3B8

 002B25

 8EDFD4

 001511

 AAFCF0

 000000

 C6FFFF

 E3FFFF

 1B736A

 1B736A

 107369

 27736B

■ 047368

■ 32736C

■ 007367

■ 3E736E

■ 49736F

■ 557370

■ 607371

■ 6C7372

■ 777373

■ 837375

Harmonies

Analogous

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



3E7153



1B736A



007280

Triad

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



1B736A



6E608C



855F3E

Complementary

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



1B736A



731B24

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.



91584E



1B736A



86587B

Square

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



1B736A



4C6894



925564



726739

Rectangle

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



1B736A



0D708B



925564



8A5C43

Sweetspot

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



1B736A



749693



25731B



374D4A



CCCCCC



4D4D4D

Same Dimension

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



1B736A



0C9688



1B5173



353B3A



007A6E



00FAE0

Inverse Universe

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



731B24



960C1A



733D1B



3B3535



7A000D



FA001A

Previews

White Background



This preview shows how the Hex color 1B736A looks on a white background.

Color Contrast Check

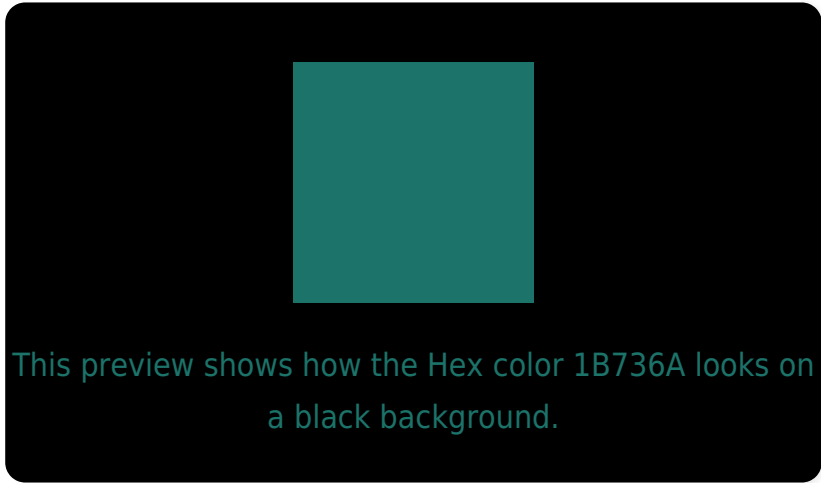
Large Text (above 18pt) WCAG AA ✓ Pass

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

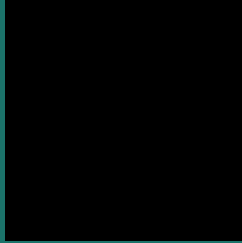
Any Text WCAG AA × Fail

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 1B736A Background



This preview shows how black text looks on a background with the Hex color 1B736A.



This preview shows how white text looks on a background with the Hex color 1B736A.

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
1B736A

Protanopia
696663

Deuteranopia
6D636D



Tritanopia
26717A

Trichromacy



Original Color
1B736A

Protanomaly
4D6B66

Deuteranomaly
4F696C

Tritanomaly
227274

Monochromacy



Original Color
1B736A

Achromatopsia
585858

Achromatomaly
42625F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B736A 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 #1B736A looks like.

```
.text, #text, p{  
    color:#1B736A  
}
```

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 #1B736A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B736A
}
```

Border

The CSS property to change the border of an element to Hex 1B736A 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
#1B736A }
```

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

```
.border{ border-color:#1B736A }
```

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

Here you see how a box with a 4 pixel #1B736A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B736A; -webkit-box-shadow:4px 4px  
4px 4px #1B736A; box-shadow:4px 4px 4px  
4px #1B736A }
```

Background

The CSS property to change the background color of an element to Hex 1B736A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B736A }
```

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

```
.background{ background-color:#1B736A }
```

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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