

Converting Colors

Hex(1B4B60)

Have a look what the booklet for
Hex(1B4B60) contains.

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Color

Hex(1B4B60)

Conversions

Conversions Part 1

Format	Color
Hex	1B4B60
RGB	27, 75, 96
RGB Percent	11%, 29%, 38%
CMY	0.8941, 0.7059, 0.6235
CMYK	0.72, 0.22, 0.00, 0.62
HSL	198°, 56%, 24%
HSV	198°, 72%, 38%
XYZ	5.0794, 6.1097, 11.9779
YIQ	63.0420, -35.3490, -3.6450

Conversions

Conversions Part 2

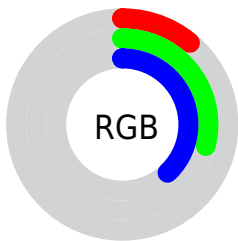
Format	Color
RYB	27, 55, 96
Decimal	1788768
CIELab	29.69, -8.60, -17.06
CIElCh	30, 19.102, 243.258
Yxy	6.1097, 0.2193, 0.2637
Android (android.graphics.Color)	4279978848 (0xFF1B4B60)
YUV	63.0420, 16.2483, -31.6088
Hunter-Lab	24.7178, -6.5752, -11.4287

Details

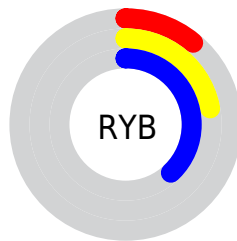
The Hex color **1B4B60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60301B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **507C93**, and **001F32** is the 20% darker color. If you saturate the color by 10%, you get **114860**, and if you desaturate by 10%, it is **254E60**.

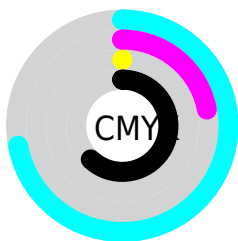
Distribution



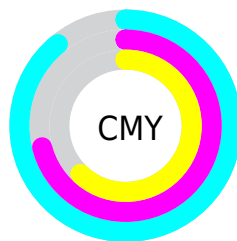
- Red (11%)
- Green (29%)
- Blue (38%)



- Red (11%)
- Yellow (22%)
- Blue (38%)



- Cyan (72%)
- Magenta (22%)
- Yellow (0%)
- Black (62%)



- Cyan (89%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4B60 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 1B4B60 by changing the saturation by 10% instead.

■ 1B4B60

■ 1B4B60

FFFFFF

■ 003448

■ 507C93

■ 001F32

■ 6A96AD

■ 00021D

■ 85B0C9

■ 000000

■ A0CCE5

■ BCE8FF

■ D8FFFF

■ F5FFFF

■ 1B4B60

■ 1B4B60

■ 114860

■ 254E60

■ 084560

■ 2E5160

■ 004360

■ 385460

■ 415760

■ 4B5A60

■ 555D60

■ 5E5F60

■ 686260

■ 716560

Harmonies

Analogous

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



0C4D56



1B4B60



344763

Triad

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



1B4B60



623A45



3F4A2D

Complementary

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



1B4B60



60301B

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.



4E4628



1B4B60



623C36

Square

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



1B4B60



5A3D54



5B402C



2D4D38

Rectangle

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



1B4B60



434361



5B402C



44492A

Sweetspot

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



1B4B60



61757D



1B6030



2F3B40



BFBFBF



404040

Same Dimension

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



1B4B60



115C7D



1B2960



2C2F30



004E70



00A7F0

Inverse Universe

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



601B4B



7D115C



60521B



302C2F



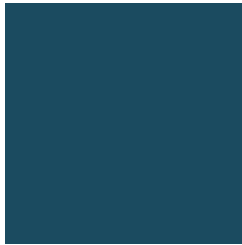
70004E



F000A7

Previews

White Background



This preview shows how the Hex color 1B4B60 looks on a white background.

Color Contrast Check

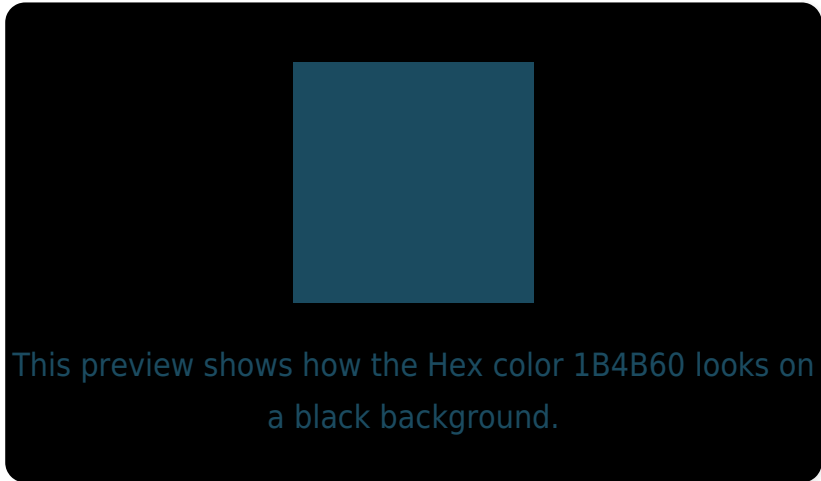
Large Text (above 18pt) WCAG AA ✓ Pass

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

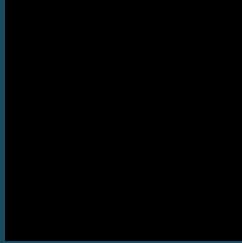
Any Text WCAG AA × Fail

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 1B4B60 Background



This preview shows how black text looks on a background with the Hex color 1B4B60.



This preview shows how white text looks on a background with the Hex color 1B4B60.

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
1B4B60

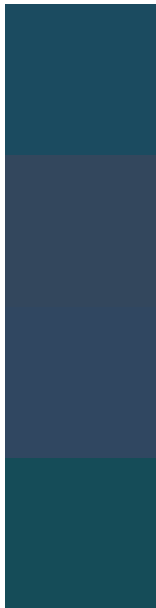
Protanopia
40455B

Deuteranopia
3C4561



Tritanopia
114D54

Trichromacy



Original Color
1B4B60

Protanomaly
33475D

Deuteranomaly
304761

Tritanomaly
154C58

Monochromacy



Original Color
1B4B60

Achromatopsia
3F3F3F

Achromatomaly
32434B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4B60 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 #1B4B60 looks like.

```
.text, #text, p{  
    color:#1B4B60  
}
```

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 #1B4B60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4B60
}
```

Border

The CSS property to change the border of an element to Hex 1B4B60 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
#1B4B60 }
```

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

```
.border{ border-color:#1B4B60 }
```

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

Here you see how a box with a 4 pixel #1B4B60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4B60; -webkit-box-shadow:4px 4px  
4px 4px #1B4B60; box-shadow:4px 4px 4px  
4px #1B4B60 }
```

Background

The CSS property to change the background color of an element to Hex 1B4B60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4B60 }
```

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

```
.background{ background-color:#1B4B60 }
```

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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