

Converting Colors

Hex(1B4A65)

Have a look what the booklet for
Hex(1B4A65) contains.

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Color

Hex(1B4A65)

Conversions

Conversions Part 1

Format	Color
Hex	1B4A65
RGB	27, 74, 101
RGB Percent	11%, 29%, 40%
CMY	0.8941, 0.7098, 0.6039
CMYK	0.73, 0.27, 0.00, 0.60
HSL	202°, 58%, 25%
HSV	202°, 73%, 40%
XYZ	5.2497, 6.0702, 13.2069
YIQ	63.0250, -36.6790, -1.5670

Conversions

Conversions Part 2

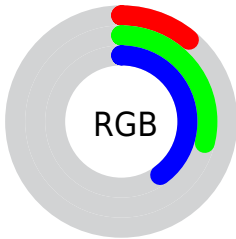
Format	Color
R_{YB}	27, 56, 101
Decimal	1788517
CIE _{Lab}	29.59, -6.09, -20.40
CIE _{LCh}	30, 21.289, 253.385
Yxy	6.0702, 0.2140, 0.2475
Android (android.graphics.Color)	4279978597 (0xFF1B4A65)
YUV	63.0250, 18.7217, -31.5939
Hunter-Lab	24.6377, -5.0816, -14.5357

Details

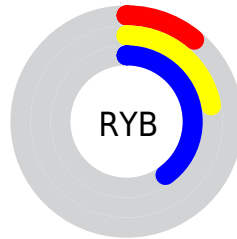
The Hex color **1B4A65** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **65361B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **517B98**, and **001E36** is the 20% darker color. If you saturate the color by 10%, you get **114665**, and if you desaturate by 10%, it is **254E65**.

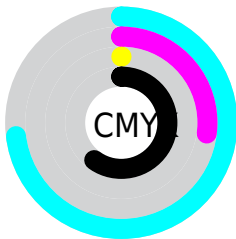
Distribution



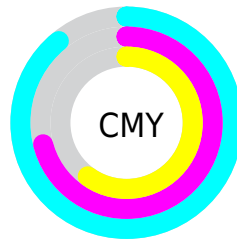
- Red (11%)
- Green (29%)
- Blue (40%)



- Red (11%)
- Yellow (22%)
- Blue (40%)



- Cyan (73%)
- Magenta (27%)
- Yellow (0%)
- Black (60%)



- Cyan (89%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4A65 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 1B4A65 by changing the saturation by 10% instead.

■ 1B4A65

■ 1B4A65

FFFFFF

■ 00334D

■ 517B98

■ 001E36

■ 6B94B3

■ 000221

■ 86AFCE

■ 000006

■ A1CAEB

■ 000000

■ BDE6FF

■ D9FFFF

■ F6FFFF

■ 1B4A65

■ 1B4A65

■ 114665

■ 254E65

■ 074365

■ 2F5165

■ 004065

■ 395565

■ 435965

■ 4E5C65

■ 586065

■ 626465

■ 6C6765

■ 766B65

Harmonies

Analogous

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



004D5C



1B4A65



394566

Triad

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



1B4A65



66393F



374B2D

Complementary

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



1B4A65



65361B

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.



494725



1B4A65



633C30

Square

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



1B4A65



603A50



584226



214E3C

Rectangle

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



1B4A65



4A4161



584226



3D4A2A

Sweetspot

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



1B4A65



657882



1B6535



313C42



C2C2C2



424242

Same Dimension

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



1B4A65



105882



1B2665



2E3133



004973



009AF2

Inverse Universe

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



651B4A



821058



655A1B



332E31



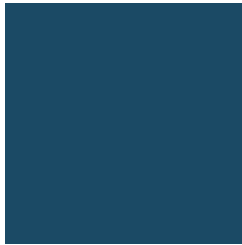
730049



F2009A

Previews

White Background



This preview shows how the Hex color 1B4A65 looks on a white background.

Color Contrast Check

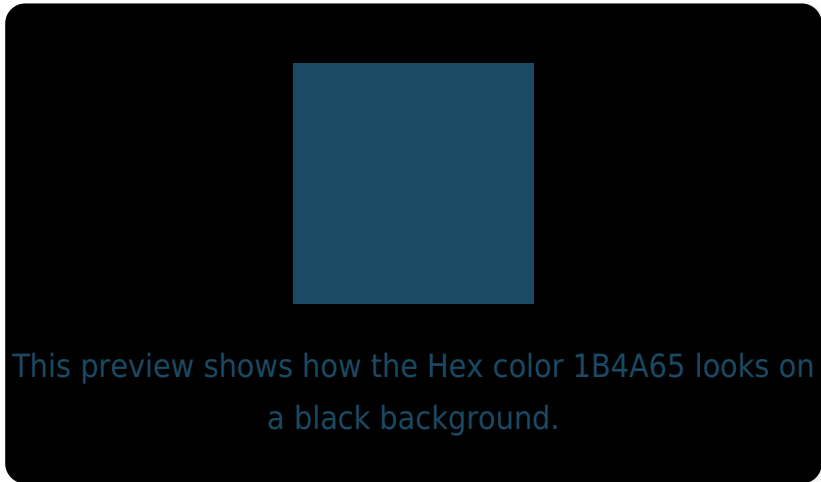
Large Text (above 18pt) WCAG AA ✓ Pass

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

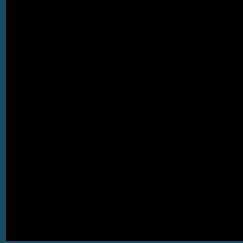
Any Text WCAG AA × Fail

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 1B4A65 Background



This preview shows how black text looks on a background with the Hex color 1B4A65.



This preview shows how white text looks on a background with the Hex color 1B4A65.

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
1B4A65

Protanopia
3D4561

Deuteranopia
384566



Tritanopia
094D54

Trichromacy



Original Color
1B4A65

Protanomaly
314762

Deuteranomaly
2D4766

Tritanomaly
104C5A

Monochromacy



Original Color
1B4A65

Achromatopsia
3F3F3F

Achromatomaly
32434D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4A65 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 #1B4A65 looks like.

```
.text, #text, p{  
    color:#1B4A65  
}
```

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 #1B4A65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4A65
}
```

Border

The CSS property to change the border of an element to Hex 1B4A65 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
#1B4A65 }
```

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

```
.border{ border-color:#1B4A65 }
```

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

Here you see how a box with a 4 pixel #1B4A65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4A65; -webkit-box-shadow:4px 4px  
4px 4px #1B4A65; box-shadow:4px 4px 4px  
4px #1B4A65 }
```

Background

The CSS property to change the background color of an element to Hex 1B4A65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4A65 }
```

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

```
.background{ background-color:#1B4A65 }
```

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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