

Converting Colors

Hex(1B3144)

Have a look what the booklet for
Hex(1B3144) contains.

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Color

Hex(1B3144)

Conversions

Conversions Part 1

Format	Color
Hex	1B3144
RGB	27, 49, 68
RGB Percent	11%, 19%, 27%
CMY	0.8941, 0.8078, 0.7333
CMYK	0.60, 0.28, 0.00, 0.73
HSL	208°, 43%, 19%
HSV	208°, 60%, 27%
XYZ	2.5937, 2.8470, 5.8817
YIQ	44.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

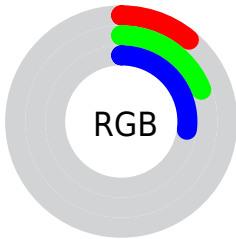
Format	Color
R_{YB}	27, 41, 68
Decimal	1782084
CIE _{Lab}	19.42, -2.14, -14.53
CIE _{LCh}	19, 14.691, 261.618
Yxy	2.8470, 0.2291, 0.2514
Android (android.graphics.Color)	4279972164 (0xFF1B3144)
YUV	44.5880, 11.5421, -15.4247
Hunter-Lab	16.8730, -2.0891, -8.8564

Details

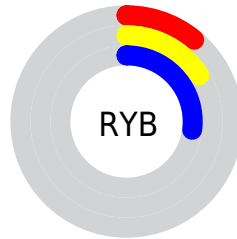
The Hex color **1B3144** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **442E1B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4A5F74**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **142E44**, and if you desaturate by 10%, it is **223444**.

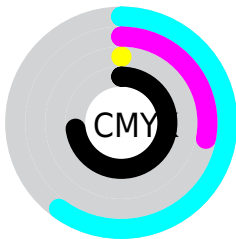
Distribution



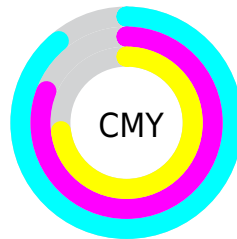
- Red (11%)
- Green (19%)
- Blue (27%)



- Red (11%)
- Yellow (16%)
- Blue (27%)



- Cyan (60%)
- Magenta (28%)
- Yellow (0%)
- Black (73%)



- Cyan (89%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3144 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 1B3144 by changing the saturation by 10% instead.

■ 1B3144

■ 1B3144

FFFFFF

■ 031C2E

■ 4A5F74

■ 000119

■ 63788E

■ 000000

■ 7C91A8

■ 97ACC3

■ B2C7DF

■ CDE3FC

■ EAFFFF

■ 1B3144

■ 1B3144

■ 142E44

■ 223444

■ 0D2B44

■ 293744

■ 072844

■ 2F3A44

■ 002444

■ 363E44

■ 3D4144

■ 444444

■ 4B4744

■ 514A44

■ 584D44

Harmonies

Analogous

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



0A343F



1B3144



2C2D43

Triad

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



1B3144



442728



223321

Complementary

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



1B3144



442E1B

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.



2E311B



1B3144



412A1F

Square

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



1B3144



422733



392D1A



15352C

Rectangle

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



1B3144



362B3F



392D1A



26331F

Sweetspot

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



1B3144



495259



1B442D



24292E



ADADAD



2E2E2E

Same Dimension

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



1B3144



193B59



1B1D44



1E2021



003461



0078E0

Inverse Universe

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



441B31



59193B



44421B



211E20



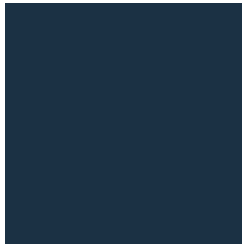
610034



E00078

Previews

White Background



This preview shows how the Hex color 1B3144 looks on a white background.

Color Contrast Check

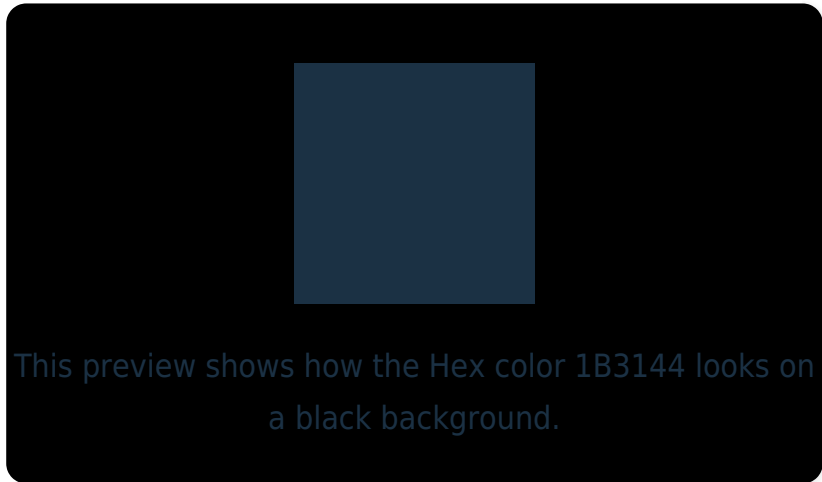
Large Text (above 18pt) WCAG AA ✓ Pass

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

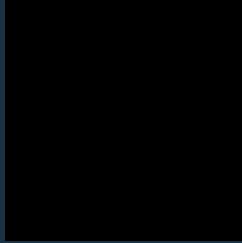
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

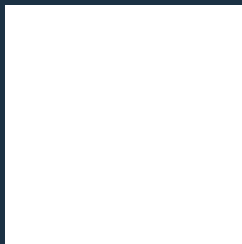
Any Text WCAG AAA × Fail

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

Hex 1B3144 Background



This preview shows how black text looks on a background with the Hex color 1B3144.



This preview shows how white text looks on a background with the Hex color 1B3144.

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](#).

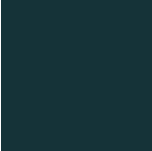
Dichromacy



Original Color
1B3144

Protanopia
292E42

Deuteranopia
262F45



Tritanopia
153338

Trichromacy



Original Color
1B3144

Protanomaly
242F43

Deuteranomaly
223045

Tritanomaly
17323C

Monochromacy



Original Color
1B3144

Achromatopsia
2D2D2D

Achromatomaly
262E35

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3144 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 #1B3144 looks like.

```
.text, #text, p{  
    color:#1B3144  
}
```

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 #1B3144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3144
}
```

Border

The CSS property to change the border of an element to Hex 1B3144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

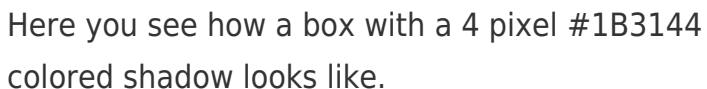
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B3144 }
```

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

```
.border{ border-color:#1B3144 }
```

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



Here you see how a box with a 4 pixel #1B3144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3144; -webkit-box-shadow:4px 4px  
4px 4px #1B3144; box-shadow:4px 4px 4px  
4px #1B3144 }
```

Background

The CSS property to change the background color of an element to Hex 1B3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3144 }
```

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

```
.background{ background-color:#1B3144 }
```

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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