

Converting Colors

Hex(1B1E3E)

Have a look what the booklet for
Hex(1B1E3E) contains.

Hex(1B1E3E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B1E3E)

Conversions

Conversions Part 1

Format	Color
Hex	1B1E3E
RGB	27, 30, 62
RGB Percent	11%, 12%, 24%
CMY	0.8941, 0.8824, 0.7569
CMYK	0.56, 0.52, 0.00, 0.76
HSL	235°, 39%, 17%
HSV	235°, 56%, 24%
XYZ	1.7858, 1.5094, 4.7546
YIQ	32.7510, -12.0600, 9.3160

Conversions

Conversions Part 2

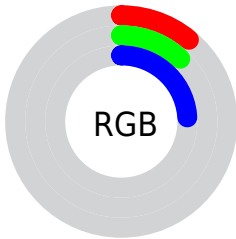
Format	Color
R_{YB}	27, 30, 62
Decimal	1777214
CIE Lab	12.67, 9.36, -21.00
CIE LCh	13, 22.992, 294.012
Yxy	1.5094, 0.2218, 0.1875
Android (android.graphics.Color)	4279967294 (0xFF1B1E3E)
YUV	32.7510, 14.4198, -5.0436
Hunter-Lab	12.2856, 4.4460, -14.3459

Details

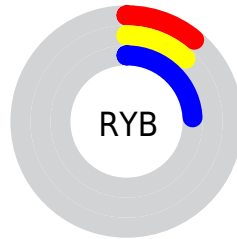
The Hex color **1B1E3E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3E3B1B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **49496E**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **15183E**, and if you desaturate by 10%, it is **21243E**.

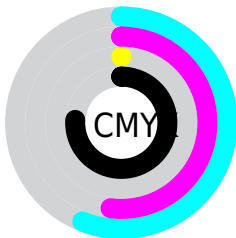
Distribution



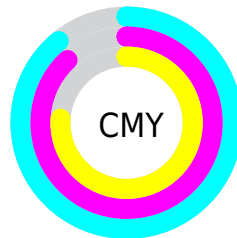
- Red (11%)
- Green (12%)
- Blue (24%)



- Red (11%)
- Yellow (12%)
- Blue (24%)



- Cyan (56%)
- Magenta (52%)
- Yellow (0%)
- Black (76%)



- Cyan (89%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1E3E 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 1B1E3E by changing the saturation by 10% instead.

■ 1B1E3E

■ 1B1E3E

FFFFFF

■ 060528

■ 49496E

■ 000112

■ 626187

■ 000000

■ 7B7AA2

■ 9594BD

■ B0AED9

■ CCCAF5

■ E8E6FF

■ 1B1E3E

■ 1B1E3E

■ 15183E

■ 21243E

■ 0F133E

■ 27293E

■ 080D3E

■ 2E2F3E

■ 02073E

■ 34353E

■ 00053E

■ 3A3A3E

■ 40403E

■ 46463E

■ 4D4B3E

■ 53513E

Harmonies

Analogous

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



002440



1B1E3E



311734

Triad

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



1B1E3E



381901



00281D

Complementary

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



1B1E3E



3E3B1B

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.



08270C



1B1E3E



2D1F00

Square

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



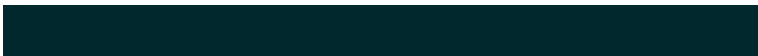
1B1E3E



3D1315



1E2400



00282D

Rectangle

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



1B1E3E



39132A



1E2400



002818

Sweetspot

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



1B1E3E



444552



1B3E3B



212129



A8A8A8



292929

Same Dimension

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



1B1E3E



1A1F52



291B3E



1C1C1F



00085E



0013DE

Inverse Universe

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



3E1B1E



521A1F



303E1B



1F1C1C



5E0008



DE0013

Previews

White Background



This preview shows how the Hex color 1B1E3E looks on a white background.

Color Contrast Check

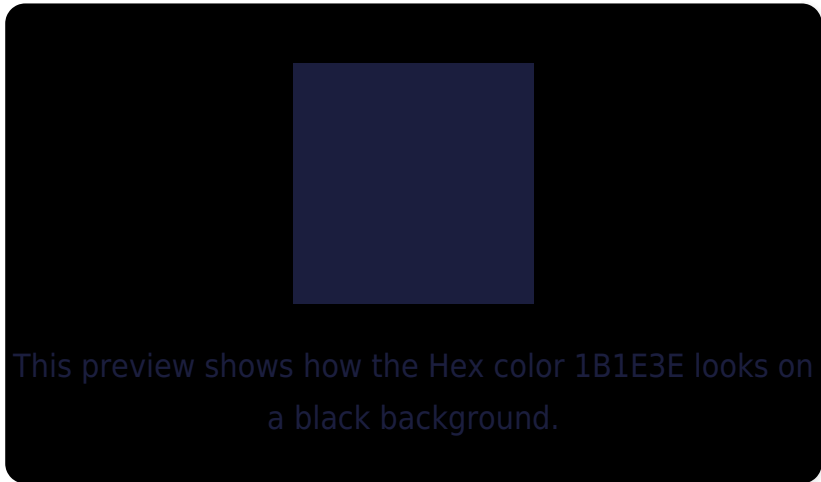
Large Text (above 18pt) WCAG AA ✓ Pass

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

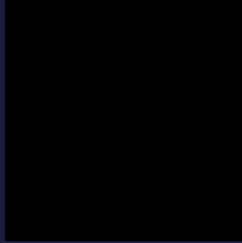
Any Text WCAG AA × Fail

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 1B1E3E Background



This preview shows how black text looks on a background with the Hex color 1B1E3E.



This preview shows how white text looks on a background with the Hex color 1B1E3E.

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
1B1E3E

Protanopia
0E2040

Deuteranopia
00223B



Tritanopia
122427

Trichromacy



Original Color
1B1E3E

Protanomaly
131F3F

Deuteranomaly
0A213C

Tritanomaly
15222F

Monochromacy



Original Color
1B1E3E

Achromatopsia
212121

Achromatomaly
1F202C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1E3E 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 #1B1E3E looks like.

```
.text, #text, p{  
    color:#1B1E3E  
}
```

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 #1B1E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1E3E
}
```

Border

The CSS property to change the border of an element to Hex 1B1E3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

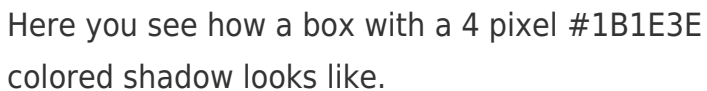
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B1E3E }
```

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

```
.border{ border-color:#1B1E3E }
```

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



Here you see how a box with a 4 pixel #1B1E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1E3E; -webkit-box-shadow:4px 4px  
4px 4px #1B1E3E; box-shadow:4px 4px 4px  
4px #1B1E3E }
```

Background

The CSS property to change the background color of an element to Hex 1B1E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1E3E }
```

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

```
.background{ background-color:#1B1E3E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor