

Converting Colors

Hex(1E1E3C)

Have a look what the booklet for
Hex(1E1E3C) contains.

Hex(1E1E3C)	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(1E1E3C)

Conversions

Conversions Part 1

Format	Color
Hex	1E1E3C
RGB	30, 30, 60
RGB Percent	12%, 12%, 24%
CMY	0.8824, 0.8824, 0.7647
CMYK	0.50, 0.50, 0.00, 0.76
HSL	240°, 33%, 18%
HSV	240°, 50%, 24%
XYZ	1.8153, 1.5308, 4.4748
YIQ	33.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

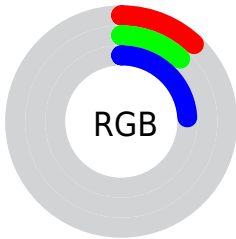
Format	Color
RYB	30, 30, 60
Decimal	1973820
CIELab	12.80, 9.50, -19.36
CIElCh	13, 21.565, 296.144
Yxy	1.5308, 0.2321, 0.1957
Android (android.graphics.Color)	4280163900 (0xFF1E1E3C)
YUV	33.4200, 13.1039, -2.9993
Hunter-Lab	12.3726, 4.5375, -12.7825

Details

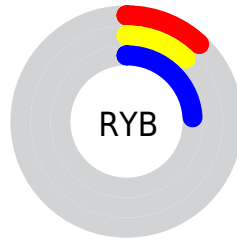
The Hex color **1E1E3C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3C3C1E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4C4A6C**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **18183C**, and if you desaturate by 10%, it is **24243C**.

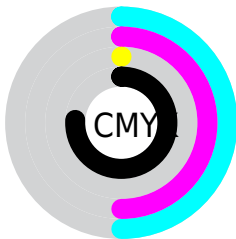
Distribution



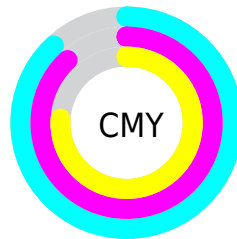
- Red (12%)
- Green (12%)
- Blue (24%)



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



- Cyan (50%)
- Magenta (50%)
- Yellow (0%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1E3C 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 1E1E3C by changing the saturation by 10% instead.

■ 1E1E3C

■ 1E1E3C

FFFFFF

■ 0A0526

■ 4C4A6C

■ 000110

■ 646185

■ 000000

■ 7E7A9F

■ 9894BA

■ B3AED6

■ CECAF2

■ EBE6FF

■ 1E1E3C

■ 1E1E3C

■ 18183C

■ 24243C

■ 12123C

■ 2A2A3C

■ 0C0C3C

■ 30303C

■ 06063C

■ 36363C

■ 00003C

■ 3C3C3C

■ 42423C

■ 48483C

■ 4E4E3C

■ 54543C

Harmonies

Analogous

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



00233F



1E1E3C



311832

Triad

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



1E1E3C



361A03



00281F

Complementary

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



1E1E3C



3C3C1E

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.



08270F



1E1E3C



2C2000

Square

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



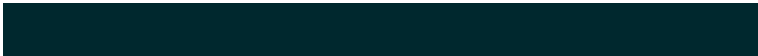
1E1E3C



3C1515



1E2400



00282E

Rectangle

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



1E1E3C



391429



1E2400



002819

Sweetspot

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



1E1E3C



43434F



1E3C3C



212129



A8A8A8



292929

Same Dimension

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



1E1E3C



20204F



2D1E3C



1C1C1F



00005E



0000DE

Inverse Universe

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



3C1E3C



4F204F



2D3C1E



1F1C1F



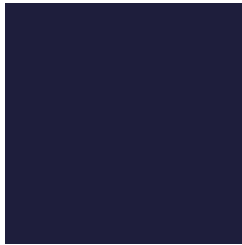
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 1E1E3C looks on a white background.

Color Contrast Check

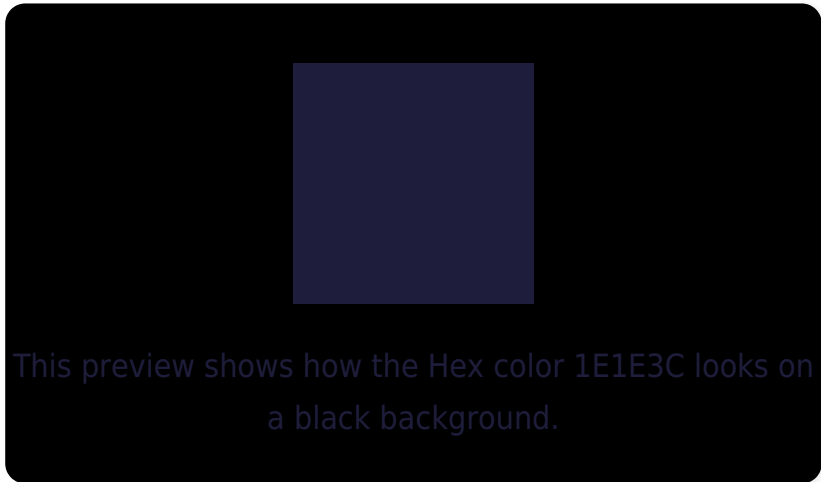
Large Text (above 18pt) WCAG AA ✓ Pass

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

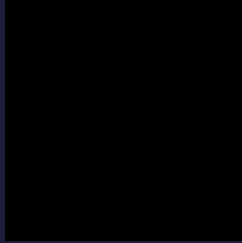
Any Text WCAG AA × Fail

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 1E1E3C Background



This preview shows how black text looks on a background with the Hex color 1E1E3C.



This preview shows how white text looks on a background with the Hex color 1E1E3C.

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
1E1E3C

Protanopia
11203E

Deuteranopia
0A223B



Tritanopia
172326

Trichromacy



Original Color
1E1E3C

Protanomaly
161F3D

Deuteranomaly
11213B

Tritanomaly
1A212E

Monochromacy



Original Color
1E1E3C

Achromatopsia
212121

Achromatomaly
20202B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1E3C 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 #1E1E3C looks like.

```
.text, #text, p{  
    color:#1E1E3C  
}
```

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 #1E1E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1E3C
}
```

Border

The CSS property to change the border of an element to Hex 1E1E3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

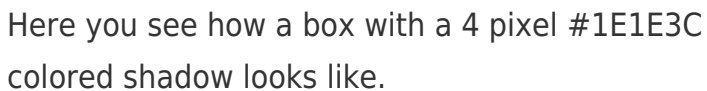
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E1E3C }
```

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

```
.border{ border-color:#1E1E3C }
```

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



Here you see how a box with a 4 pixel #1E1E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1E3C; -webkit-box-shadow:4px 4px  
4px 4px #1E1E3C; box-shadow:4px 4px 4px  
4px #1E1E3C }
```

Background

The CSS property to change the background color of an element to Hex 1E1E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1E3C }
```

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

```
.background{ background-color:#1E1E3C }
```

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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