

Converting Colors

Hex(1E1731)

Have a look what the booklet for
Hex(1E1731) contains.

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Color

Hex(1E1731)

Conversions

Conversions Part 1

Format	Color
Hex	1E1731
RGB	30, 23, 49
RGB Percent	12%, 9%, 19%
CMY	0.8824, 0.9098, 0.8078
CMYK	0.39, 0.53, 0.00, 0.81
HSL	256°, 36%, 14%
HSV	256°, 53%, 19%
XYZ	1.3962, 1.1106, 3.0465
YIQ	28.0570, -4.1740, 9.5700

Conversions

Conversions Part 2

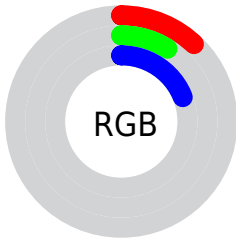
Format	Color
RYB	30, 23, 49
Decimal	1972017
CIELab	9.88, 10.90, -16.10
CIELCh	10, 19.439, 304.106
Yxy	1.1106, 0.2514, 0.2000
Android (android.graphics.Color)	4280162097 (0xFF1E1731)
YUV	28.0570, 10.3249, 1.7040
Hunter-Lab	10.5383, 5.2069, -9.7632

Details

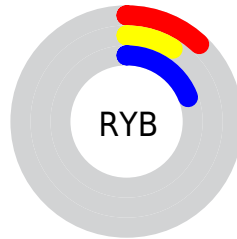
The Hex color **1E1731** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2A3117**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4B425F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A1231**, and if you desaturate by 10%, it is **221C31**.

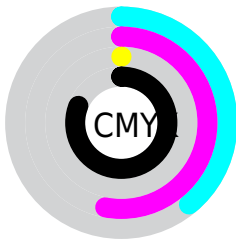
Distribution



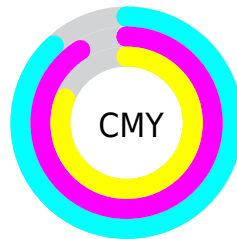
- Red (12%)
- Green (9%)
- Blue (19%)



- Red (12%)
- Yellow (9%)
- Blue (19%)



- Cyan (39%)
- Magenta (53%)
- Yellow (0%)
- Black (81%)



- Cyan (88%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1731 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 1E1731 by changing the saturation by 10% instead.

■ 1E1731

■ 1E1731

■ FFF9FF

■ 09001D

■ 4B425F

■ 000000

■ 635978

■ 7C7292

■ 968BAD

■ B1A5C8

■ CDC1E4

■ E9DCFF

■ 1E1731

■ 1E1731

■ 1A1231

■ 221C31

■ 170D31

■ 252131

■ 130831

■ 292631

■ 100331

■ 2C2B31

■ 0D0031

■ 303031

■ 333431

■ 373931

■ 3B3E31

■ 3E4331

Harmonies

Analogous

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



021C35



1E1731



2C1227

Triad

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



1E1731



2C1600



00221D

Complementary

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



1E1731



2A3117

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.



00210E



1E1731



221B00

Square

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



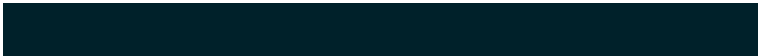
1E1731



32110A



151F00



00212A

Rectangle

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



1E1731



320F1E



151F00



002218

Sweetspot

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



1E1731



383640



172A31



1D1B21



A1A1A1



212121

Same Dimension

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



1E1731



221740



2B1731



18171A



180059



3A00D9

Inverse Universe

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



31172A



401735



1D3117



1A1719



590041



D9009E

Previews

White Background



This preview shows how the Hex color 1E1731 looks on a white background.

Color Contrast Check

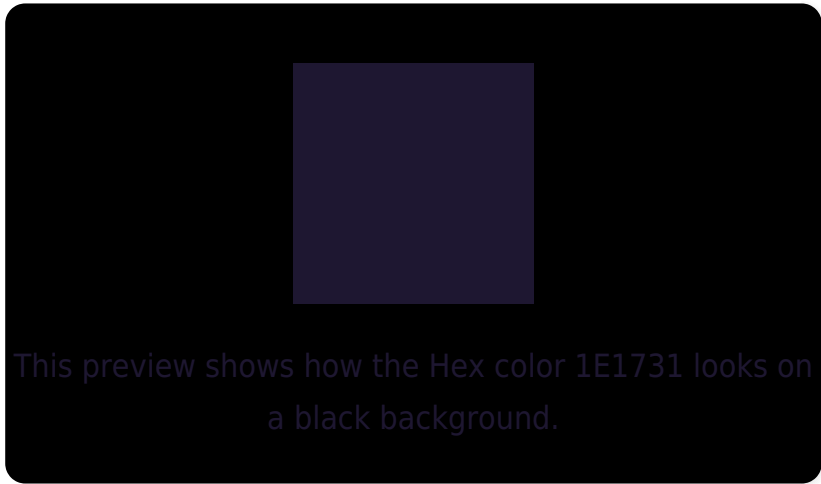
Large Text (above 18pt) WCAG AA ✓ Pass

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

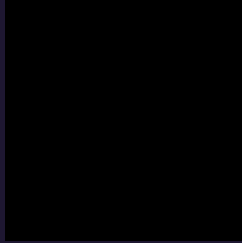
Any Text WCAG AA × Fail

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 1E1731 Background



This preview shows how black text looks on a background with the Hex color 1E1731.



This preview shows how white text looks on a background with the Hex color 1E1731.

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
1E1731

Protanopia
0D1B35

Deuteranopia
0B1C30



Tritanopia
1A1C1E

Trichromacy



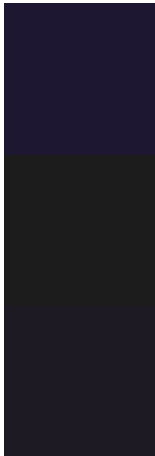
Original Color
1E1731

Protanomaly
131A34

Deuteranomaly
121A30

Tritanomaly
1B1A25

Monochromacy



Original Color
1E1731

Achromatopsia
1C1C1C

Achromatomaly
1D1A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1731 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 #1E1731 looks like.

```
.text, #text, p{  
    color:#1E1731  
}
```

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 #1E1731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1731
}
```

Border

The CSS property to change the border of an element to Hex 1E1731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

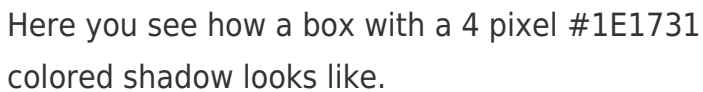
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E1731 }
```

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

```
.border{ border-color:#1E1731 }
```

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



Here you see how a box with a 4 pixel #1E1731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1731; -webkit-box-shadow:4px 4px  
4px 4px #1E1731; box-shadow:4px 4px 4px  
4px #1E1731 }
```

Background

The CSS property to change the background color of an element to Hex 1E1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1731 }
```

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

```
.background{ background-color:#1E1731 }
```

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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