

Converting Colors

Hex(1E0047)

Have a look what the booklet for
Hex(1E0047) contains.

Hex(1E0047)	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>	28

Color

Hex(1E0047)

Conversions

Conversions Part 1

Format	Color
Hex	1E0047
RGB	30, 0, 71
RGB Percent	12%, 0%, 28%
CMY	0.8824, 1.0000, 0.7216
CMYK	0.58, 1.00, 0.00, 0.72
HSL	265°, 100%, 14%
HSV	265°, 100%, 28%
XYZ	1.6728, 0.7310, 6.0142
YIQ	17.0640, -4.9110, 28.4410

Conversions

Conversions Part 2

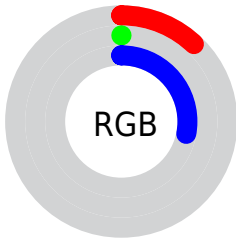
Format	Color
R_YB	30, 0, 71
Decimal	1966151
CIE Lab	6.60, 32.63, -37.20
CIE LCh	7, 49.482, 311.260
Yxy	0.7310, 0.1987, 0.0868
Android (android.graphics.Color)	4280156231 (0xFF1E0047)
YUV	17.0640, 26.5904, 11.3449
Hunter-Lab	8.5496, 19.9624, -35.7226

Details

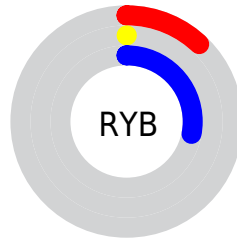
The Hex color **1E0047** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **294700**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **502D78**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **1E0047**, and if you desaturate by 10%, it is **220747**.

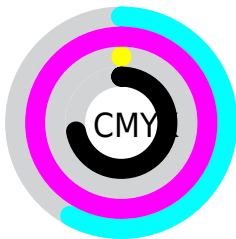
Distribution



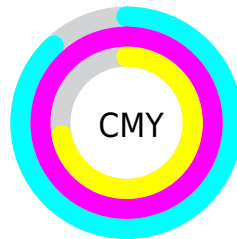
- Red (12%)
- Green (0%)
- Blue (28%)



- Red (12%)
- Yellow (0%)
- Blue (28%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (88%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E0047 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 1E0047 by changing the saturation by 10% instead.

 1E0047

 1E0047

 FFE2FF

 010030

 502D78

 00011A

 6A4492

 000000

 855CAD

 A076C9

 BB90E5

 D8AAFF

 F5C6FF

 1E0047

■ 220747

■ 260E47

■ 2A1547

■ 2E1C47

■ 332447

■ 372B47

■ 3B3247

■ 3F3947

■ 434047

Harmonies

Analogous

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



001757



1E0047



40002A

Triad

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



1E0047



2B0A00



002021

Complementary

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



1E0047



294700

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.



001F00



1E0047



0C1800

Square

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



1E0047



3E0000



001F00



002240

Rectangle

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



1E0047



470015



001F00



002015

Sweetspot

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



1E0047



4C405C



002947



241D2E



ADADAD



2E2E2E

Same Dimension

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



1E0047



27005C



410047



222024



2A0063



6000E3

Inverse Universe

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



470029



5C0035



064700



242022



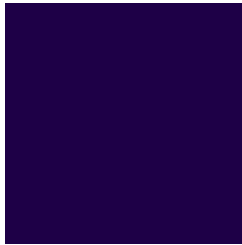
630039



E30083

Previews

White Background



This preview shows how the Hex color 1E0047 looks on a white background.

Color Contrast Check

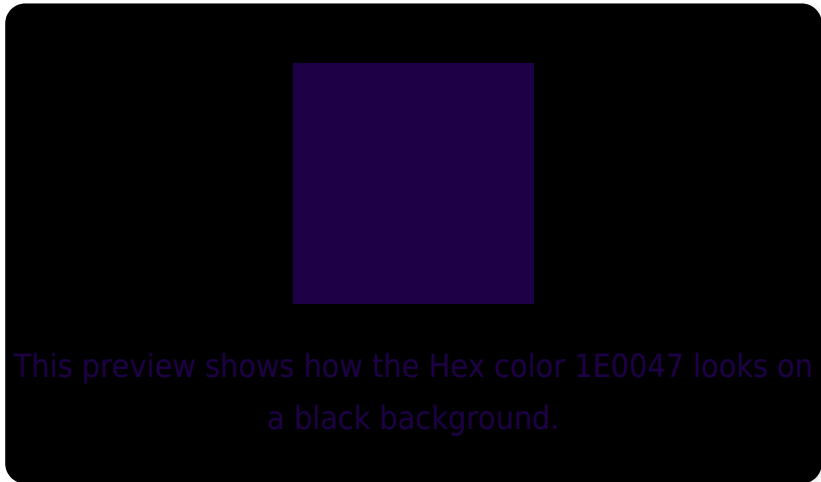
Large Text (above 18pt) WCAG AA ✓ Pass

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

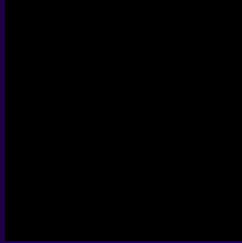
Any Text WCAG AA × Fail

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 1E0047 Background



This preview shows how black text looks on a background with the Hex color 1E0047.



This preview shows how white text looks on a background with the Hex color 1E0047.

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
1E0047

Protanopia
001934

Tritanopia
0D1C1E

Trichromacy

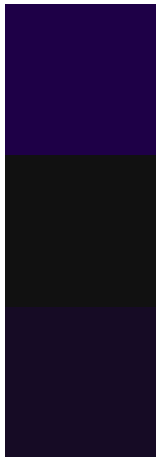


Original Color
1E0047

Protanomaly
0B103B

Tritanomaly
13122D

Monochromacy



Original Color
1E0047

Achromatopsia
111111

Achromatomaly
160B25

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E0047 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 #1E0047 looks like.

```
.text, #text, p{  
    color:#1E0047  
}
```

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 #1E0047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E0047
}
```

Border

The CSS property to change the border of an element to Hex 1E0047 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
#1E0047 }
```

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

```
.border{ border-color:#1E0047 }
```

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

Here you see how a box with a 4 pixel #1E0047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E0047; -webkit-box-shadow:4px 4px  
4px 4px #1E0047; box-shadow:4px 4px 4px  
4px #1E0047 }
```

Background

The CSS property to change the background color of an element to Hex 1E0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E0047 }
```

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

```
.background{ background-color:#1E0047 }
```

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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