

Converting Colors

Hex(1E0016)

Have a look what the booklet for
Hex(1E0016) contains.

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Color

Hex(1E0016)

Conversions

Conversions Part 1

Format	Color
Hex	1E0016
RGB	30, 0, 22
RGB Percent	12%, 0%, 9%
CMY	0.8824, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.27, 0.88
HSL	316°, 100%, 6%
HSV	316°, 100%, 12%
XYZ	0.6802, 0.3339, 0.7877
YIQ	11.4780, 10.8180, 13.2020

Conversions

Conversions Part 2

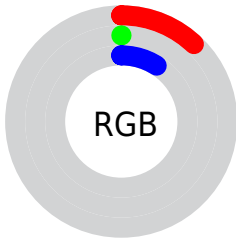
Format	Color
R_{YB}	30, 0, 22
Decimal	1966102
CIE Lab	3.02, 14.86, -6.07
CIE LCh	3, 16.053, 337.800
Yxy	0.3339, 0.3775, 0.1853
Android (android.graphics.Color)	4280156182 (0xFF1E0016)
YUV	11.4780, 5.1873, 16.2438
Hunter-Lab	5.7788, 10.8988, -4.0362

Details

The Hex color **1E0016** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001E08**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **492F40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E0016**, and if you desaturate by 10%, it is **1E0317**.

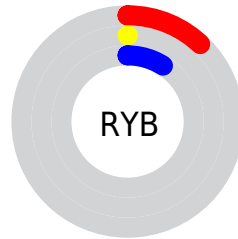
Distribution



Red (12%)

Green (0%)

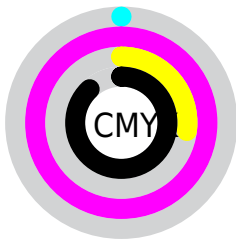
Blue (9%)



Red (12%)

Yellow (0%)

Blue (9%)

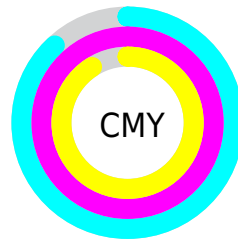


Cyan (0%)

Magenta (100%)

Yellow (27%)

Black (88%)



Cyan (88%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E0016 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 1E0016 by changing the saturation by 10% instead.

 1E0016

 1E0016

 FFE2F7

 000000

 492F40

 614657

 7A5D70

 947689

 AE90A4

 CAAABF

 E6C6DA

 1E0016

■ 1E0317

■ 1E0618

■ 1E0918

■ 1E0C19

■ 1E0F1A

■ 1E121B

■ 1E151C

■ 1E181C

■ 1E1B1D

Harmonies

Analogous

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



13051E



1E0016



230006

Triad

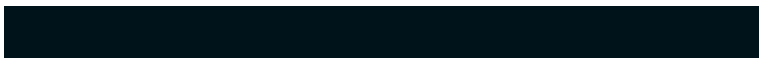
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1E0016



0B0C00



00131A

Complementary

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



1E0016



001E08

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.



00130F



1E0016



001100

Square

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



1E0016



190600



001200



001021

Rectangle

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



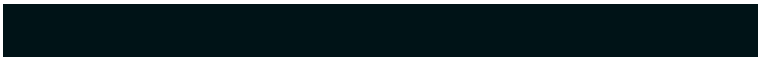
1E0016



220000



001200



001317

Sweetspot

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



1E0016



261B23



08001E



140D12



949494



141414

Same Dimension

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



1E0016



26001C



1E0007



0F0E0F



4F003A



CF0097

Inverse Universe

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



1E0016



26001C



001E17



0F0E0F



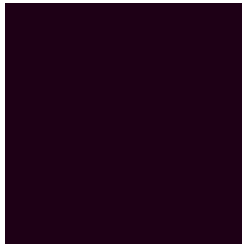
4F003A



CF0097

Previews

White Background



This preview shows how the Hex color 1E0016 looks on a white background.

Color Contrast Check

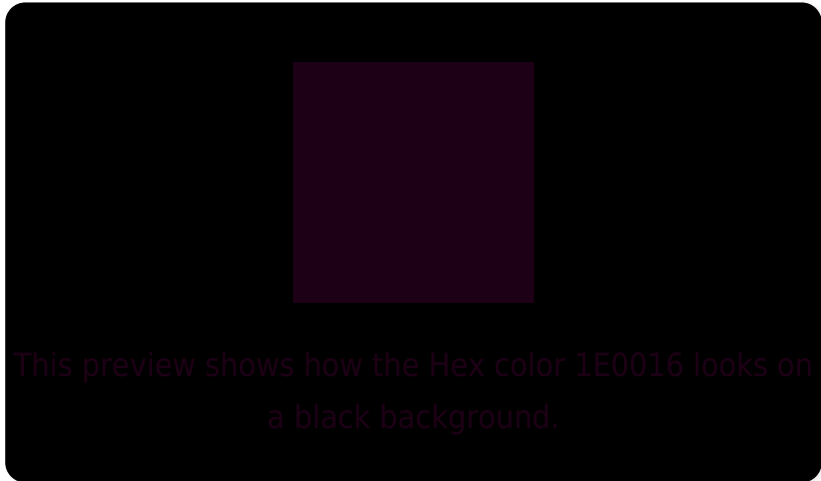
Large Text (above 18pt) WCAG AA ✓ Pass

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

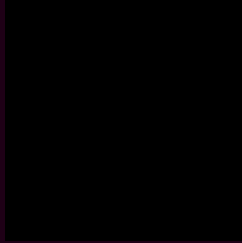
Any Text WCAG AA × Fail

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 1E0016 Background



This preview shows how black text looks on a background with the Hex color 1E0016.



This preview shows how white text looks on a background with the Hex color 1E0016.

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](#).

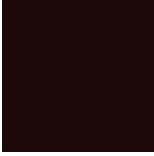
Dichromacy



Original Color
1E0016

Protanopia
07101F

Deuteranopia
101015



Tritanopia
1D0909

Trichromacy



Original Color
1E0016

Protanomaly
0F0A1C

Deuteranomaly
150A15

Tritanomaly
1D060E

Monochromacy



Original Color
1E0016

Achromatopsia
0B0B0B

Achromatomaly
12070F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E0016 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 #1E0016 looks like.

```
.text, #text, p{  
    color:#1E0016  
}
```

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 #1E0016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E0016
}
```

Border

The CSS property to change the border of an element to Hex 1E0016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

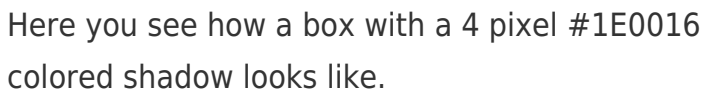
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E0016 }
```

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

```
.border{ border-color:#1E0016 }
```

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



Here you see how a box with a 4 pixel #1E0016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E0016; -webkit-box-shadow:4px 4px  
4px 4px #1E0016; box-shadow:4px 4px 4px  
4px #1E0016 }
```

Background

The CSS property to change the background color of an element to Hex 1E0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E0016 }
```

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

```
.background{ background-color:#1E0016 }
```

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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