

Converting Colors

Hex(1D0013)

Have a look what the booklet for
Hex(1D0013) contains.

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Color

Hex(1D0013)

Conversions

Conversions Part 1

Format	Color
Hex	1D0013
RGB	29, 0, 19
RGB Percent	11%, 0%, 7%
CMY	0.8863, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.34, 0.89
HSL	321°, 100%, 6%
HSV	321°, 100%, 11%
XYZ	0.6242, 0.3082, 0.6427
YIQ	10.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

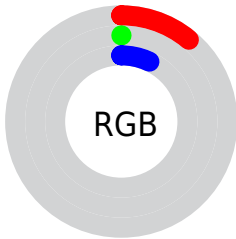
Format	Color
RYB	29, 0, 19
Decimal	1900563
CIELab	2.78, 13.57, -4.39
CIELCh	3, 14.264, 342.065
Yxy	0.3082, 0.3963, 0.1957
Android (android.graphics.Color)	4280090643 (0xFF1D0013)
YUV	10.8370, 4.0244, 15.9290
Hunter-Lab	5.5518, 10.3545, -2.9772

Details

The Hex color **1D0013** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001D0A**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **472F3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D0013**, and if you desaturate by 10%, it is **1D0314**.

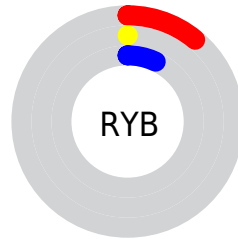
Distribution



Red (11%)

Green (0%)

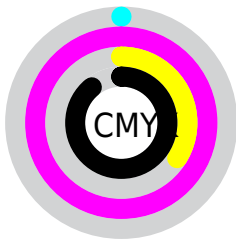
Blue (7%)



Red (11%)

Yellow (0%)

Blue (7%)

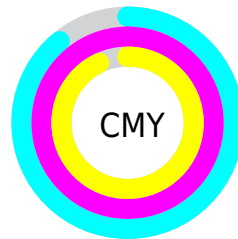


Cyan (0%)

Magenta (100%)

Yellow (34%)

Black (89%)



Cyan (89%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0013 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 1D0013 by changing the saturation by 10% instead.

 1D0013

 1D0013

 FFE2F3

 000000

 472F3D

 5F4654

 785D6D

 927686

 AD90A0

 C8ABBB

 E4C6D7

 1D0013

■ 1D0314

■ 1D0615

■ 1D0916

■ 1D0C17

■ 1D0F18

■ 1D1119

■ 1D141A

■ 1D171B

■ 1D1A1C

Harmonies

Analogous

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



14041B



1D0013



210004

Triad

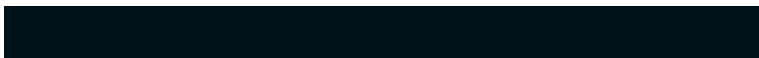
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1D0013



080C00



001219

Complementary

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



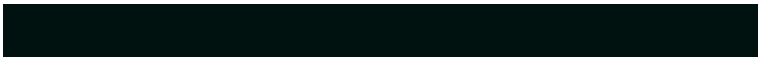
1D0013



001D0A

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.



001210



1D0013



001000

Square

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



1D0013



160600



001100



000E1F

Rectangle

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



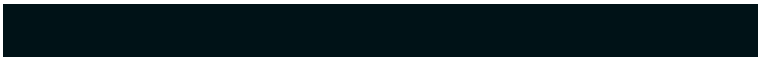
1D0013



200000



001100



001217

Sweetspot

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



1D0013



261B22



0A001D



140D12



949494



141414

Same Dimension

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



1D0013



260019



1D0005



0F0E0F



4F0034



CF0087

Inverse Universe

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



1D0013



260019



001D18



0F0E0F



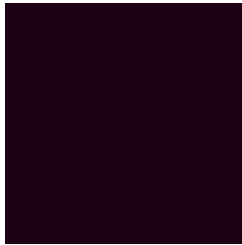
4F0034



CF0087

Previews

White Background



This preview shows how the Hex color 1D0013 looks on a white background.

Color Contrast Check

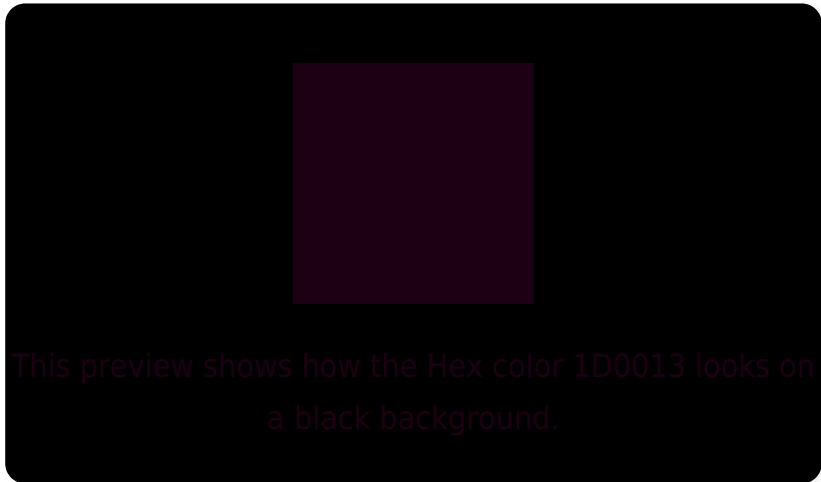
Large Text (above 18pt) WCAG AA ✓ Pass

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

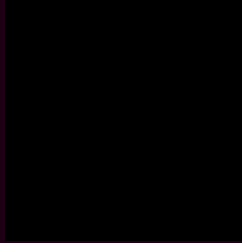
Any Text WCAG AA × Fail

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 1D0013 Background



This preview shows how black text looks on a background with the Hex color 1D0013.



This preview shows how white text looks on a background with the Hex color 1D0013.

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
1D0013

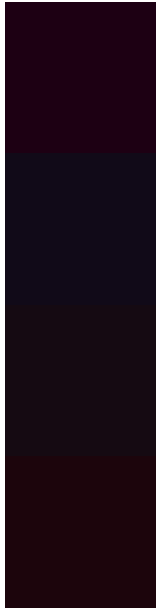
Protanopia
0A0F1B

Deuteranopia
100F12



Tritanopia
1C0808

Trichromacy



Original Color
1D0013

Protanomaly
110A18

Deuteranomaly
150A12

Tritanomaly
1C050C

Monochromacy



Original Color
1D0013

Achromatopsia
0B0B0B

Achromatomaly
12070E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0013 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 #1D0013 looks like.

```
.text, #text, p{  
    color:#1D0013  
}
```

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 #1D0013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0013
}
```

Border

The CSS property to change the border of an element to Hex 1D0013 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
#1D0013 }
```

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

```
.border{ border-color:#1D0013 }
```

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

Here you see how a box with a 4 pixel #1D0013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0013; -webkit-box-shadow:4px 4px  
4px 4px #1D0013; box-shadow:4px 4px 4px  
4px #1D0013 }
```

Background

The CSS property to change the background color of an element to Hex 1D0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0013 }
```

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

```
.background{ background-color:#1D0013 }
```

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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