

Converting Colors

Hex(1D0018)

Have a look what the booklet for
Hex(1D0018) contains.

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Color

Hex(1D0018)

Conversions

Conversions Part 1

Format	Color
Hex	1D0018
RGB	29, 0, 24
RGB Percent	11%, 0%, 9%
CMY	0.8863, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.17, 0.89
HSL	310°, 100%, 6%
HSV	310°, 100%, 11%
XYZ	0.6716, 0.3272, 0.8919
YIQ	11.4070, 9.5800, 13.6120

Conversions

Conversions Part 2

Format	Color
R_{YB}	29, 0, 24
Decimal	1900568
CIE Lab	2.96, 14.77, -7.66
CIE LCh	3, 16.641, 332.585
Yxy	0.3272, 0.3552, 0.1730
Android (android.graphics.Color)	4280090648 (0xFF1D0018)
YUV	11.4070, 6.2083, 15.4291
Hunter-Lab	5.7198, 10.9482, -5.2415

Details

The Hex color **1D0018** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001D05**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **472F42**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D0018**, and if you desaturate by 10%, it is **1D0318**.

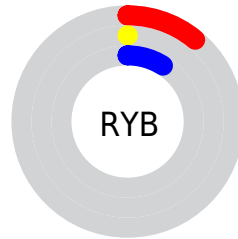
Distribution



Red (11%)

Green (0%)

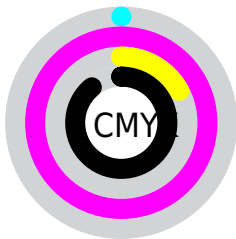
Blue (9%)



Red (11%)

Yellow (0%)

Blue (9%)

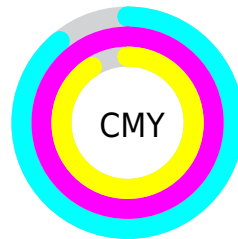


Cyan (0%)

Magenta (100%)

Yellow (17%)

Black (89%)



Cyan (89%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0018 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 1D0018 by changing the saturation by 10% instead.

 1D0018

 1D0018

 FFE2FA

 000000

 472F42

 5F465A

 785D72

 92768C

 AD90A6

 C8AAC1

 E4C6DD

 1D0018

■ 1D0318

■ 1D0619

■ 1D0919

■ 1D0C1A

■ 1D0F1A

■ 1D111B

■ 1D141C

■ 1D171C

■ 1D1A1C

Harmonies

Analogous

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



100520



1D0018



23000A

Triad

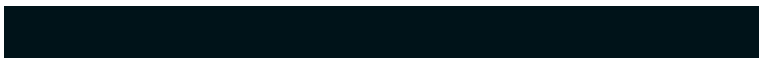
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1D0018



0E0B00



001319

Complementary

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



1D0018



001D05

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.



00130C



1D0018



001000

Square

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



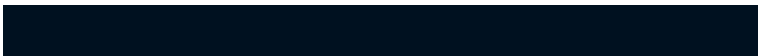
1D0018



1B0400



001200



001120

Rectangle

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



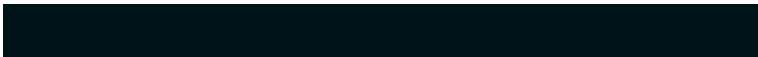
1D0018



230000



001200



001316

Sweetspot

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



1D0018



261B24



05001D



140D13



949494



141414

Same Dimension

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



1D0018



260020



1D000A



0F0E0F



4F0041



CF00AB

Inverse Universe

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



1D0018



260020



001D13



0F0E0F



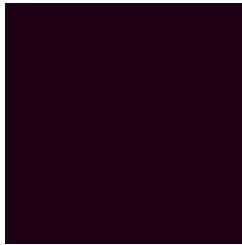
4F0041



CF00AB

Previews

White Background



This preview shows how the Hex color 1D0018 looks on a white background.

Color Contrast Check

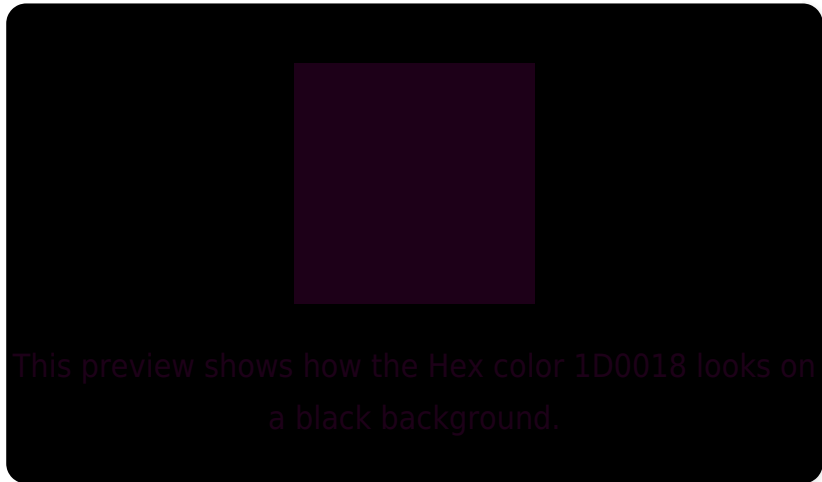
Large Text (above 18pt) WCAG AA ✓ Pass

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

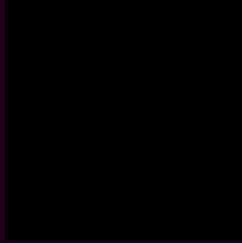
Any Text WCAG AA × Fail

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 1D0018 Background



This preview shows how black text looks on a background with the Hex color 1D0018.



This preview shows how white text looks on a background with the Hex color 1D0018.

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
1D0018

Protanopia
000F21

Deuteranopia
0E1017



Tritanopia
1C090A

Trichromacy



Original Color
1D0018

Protanomaly
0B0A1E

Deuteranomaly
130A17

Tritanomaly
1C060F

Monochromacy



Original Color
1D0018

Achromatopsia
0B0B0B

Achromatomaly
120710

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0018 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 #1D0018 looks like.

```
.text, #text, p{  
    color:#1D0018  
}
```

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 #1D0018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0018
}
```

Border

The CSS property to change the border of an element to Hex 1D0018 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".

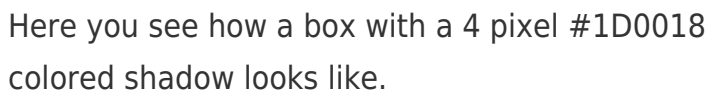
```
.border, #border, table{ border:4px solid
#1D0018 }
```

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

```
.border{ border-color:#1D0018 }
```

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

Here you see how a box with a 4 pixel #1D0018 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0018; -webkit-box-shadow:4px 4px  
4px 4px #1D0018; box-shadow:4px 4px 4px  
4px #1D0018 }
```

Background

The CSS property to change the background color of an element to Hex 1D0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0018 }
```

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

```
.background{ background-color:#1D0018 }
```

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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