

Converting Colors

Hex(00001D)

Have a look what the booklet for
Hex(00001D) contains.

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Color

Hex(00001D)

Conversions

Conversions Part 1

Format	Color
Hex	00001D
RGB	0, 0, 29
RGB Percent	0%, 0%, 11%
CMY	1.0000, 1.0000, 0.8863
CMYK	1.00, 1.00, 0.00, 0.89
HSL	240°, 100%, 6%
HSV	240°, 100%, 11%
XYZ	0.2218, 0.0887, 1.1678
YIQ	3.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

Format	Color
RYB	0, 0, 29
Decimal	29
CIELab	0.80, 5.63, -15.14
CIELCh	1, 16.152, 290.402
Yxy	0.0887, 0.1500, 0.0600
Android (android.graphics.Color)	4278190109 (0xFF00001D)
YUV	3.3060, 12.6671, -2.8994
Hunter-Lab	2.9784, 8.0789, -21.1628

Details

The Hex color **00001D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1D1D00**, and the grayscale version is **030303**.

A 20% lighter version of the original color is **2E3048**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00001D**, and if you desaturate by 10%, it is **03031D**.

Distribution



- Red (0%)
- Green (0%)
- Blue (11%)



- Red (0%)
- Yellow (0%)
- Blue (11%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (89%)



- Cyan (100%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00001D 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 00001D by changing the saturation by 10% instead.

 00001D

 00001D

 E1E2FF

 000000

 2E3048

 454760

 5D5E79

 767793

 8F91AD

 AAABC9

 C5C6E5

 00001D

■ 03031D

■ 06061D

■ 09091D

■ 0C0C1D

■ 0F0F1D

■ 11111D

■ 14141D

■ 17171D

■ 1A1A1D

Harmonies

Analogous

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



00071E



00001D



140017

Triad

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



00001D



190000



000500

Complementary

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



00001D



1D1D00

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.



000500



00001D



0B0100

Square

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



00001D



1F0000



000500



000610

Rectangle

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



00001D



1B0010



000500

Sweetspot

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



00001D



1B1B26



001D1D



0D0D14



949494



141414

Same Dimension

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



00001D



000026



0F001D



0E0E0F



00004F



0000CF

Inverse Universe

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



1D001D



260026



0F1D00



0F0E0F



4F004F



CF00CF

Previews

White Background



This preview shows how the Hex color 00001D looks on a white background.

Color Contrast Check

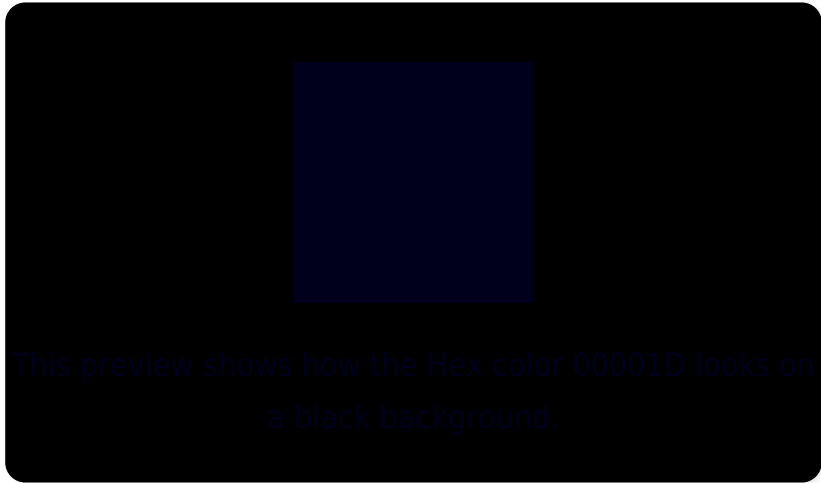
Large Text (above 18pt) WCAG AA ✓ Pass

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

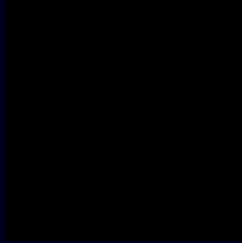
Any Text WCAG AA × Fail

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 00001D Background



This preview shows how black text looks on a background with the Hex color 00001D.



This preview shows how white text looks on a background with the Hex color 00001D.

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](#).

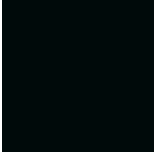
Dichromacy



Original Color
00001D

Protanopia
000812

Deuteranopia
00090F



Tritanopia
000A0A

Trichromacy



Original Color
00001D

Protanomaly
000516

Deuteranomaly
000614

Tritanomaly
000611

Monochromacy



Original Color
00001D

Achromatopsia
030303

Achromatomaly
02020C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00001D 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 #00001D looks like.

```
.text, #text, p{  
    color:#00001D  
}
```

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 #00001D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00001D
}
```

Border

The CSS property to change the border of an element to Hex 00001D 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
#00001D }
```

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

```
.border{ border-color:#00001D }
```

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

Here you see how a box with a 4 pixel #00001D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00001D; -webkit-box-shadow:4px 4px  
4px 4px #00001D; box-shadow:4px 4px 4px  
4px #00001D }
```

Background

The CSS property to change the background color of an element to Hex 00001D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00001D }
```

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

```
.background{ background-color:#00001D }
```

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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