

Converting Colors

Hex(1D0026)

Have a look what the booklet for
Hex(1D0026) contains.

Hex(1D0026)	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>	29

Color

Hex(1D0026)

Conversions

Conversions Part 1

Format	Color
Hex	1D0026
RGB	29, 0, 38
RGB Percent	11%, 0%, 15%
CMY	0.8863, 1.0000, 0.8510
CMYK	0.24, 1.00, 0.00, 0.85
HSL	286°, 100%, 7%
HSV	286°, 100%, 15%
XYZ	0.8565, 0.4012, 1.8660
YIQ	13.0030, 5.0860, 17.9660

Conversions

Conversions Part 2

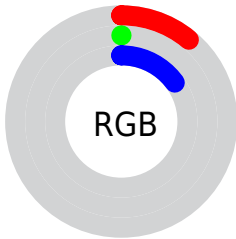
Format	Color
R_{YB}	29, 0, 38
Decimal	1900582
CIE Lab	3.62, 19.47, -17.73
CIE LCh	4, 26.330, 317.671
Yxy	0.4012, 0.2742, 0.1284
Android (android.graphics.Color)	4280090662 (0xFF1D0026)
YUV	13.0030, 12.3235, 14.0294
Hunter-Lab	6.3337, 13.0560, -13.0343

Details

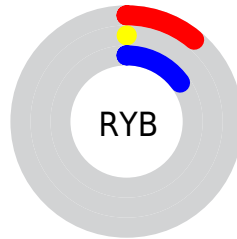
The Hex color **1D0026** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **092600**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **482E53**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D0026**, and if you desaturate by 10%, it is **1E0426**.

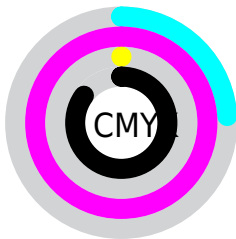
Distribution



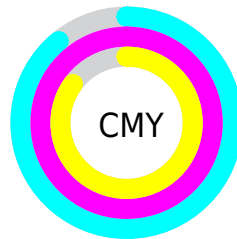
- Red (11%)
- Green (0%)
- Blue (15%)



- Red (11%)
- Yellow (0%)
- Blue (15%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (85%)



- Cyan (89%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0026 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 1D0026 by changing the saturation by 10% instead.

 1D0026

 1D0026

 FFE1FF

 000110

 482E53

 000000

 60456B

 7A5D85

 94769F

 AE8FBA

 CAAAD6

 E6C5F2

 1D0026

■ 1E0426

■ 1F0826

■ 200B26

■ 210F26

■ 221326

■ 221726

■ 231B26

■ 241E26

■ 252226

Harmonies

Analogous

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



000A2F



1D0026



2A0017

Triad

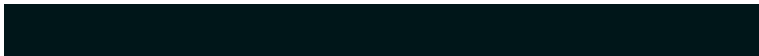
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1D0026



1A0800



001619

Complementary

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



1D0026



092600

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.



001500



1D0026



001100

Square

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



1D0026



270000



001500



001728

Rectangle

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



1D0026



2D0006



001500



001613

Sweetspot

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



1D0026



2D2230



000A26



17101A



999999



1A1A1A

Same Dimension

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



1D0026



250030



26001C



111012



3E0052



A000D1

Inverse Universe

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



260009



30000B



00260A



121010



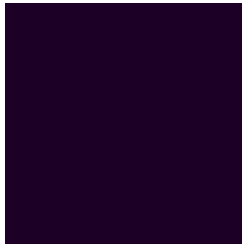
520013



D10032

Previews

White Background



This preview shows how the Hex color 1D0026 looks on a white background.

Color Contrast Check

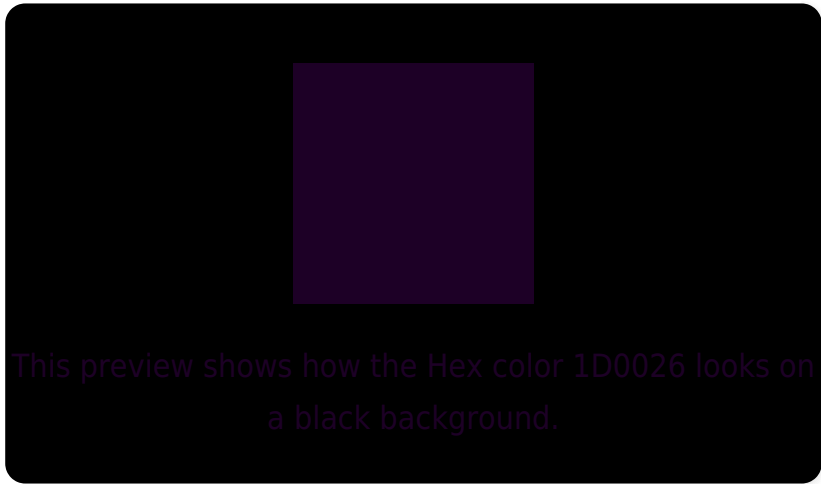
Large Text (above 18pt) WCAG AA ✓ Pass

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

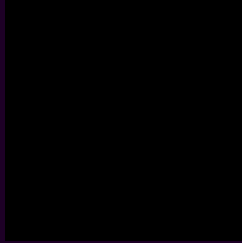
Any Text WCAG AA × Fail

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 1D0026 Background



This preview shows how black text looks on a background with the Hex color 1D0026.



This preview shows how white text looks on a background with the Hex color 1D0026.

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
1D0026

Protanopia
001125

Deuteranopia
001220



Tritanopia
1A0F10

Trichromacy



Original Color
1D0026

Protanomaly
0B0B25

Deuteranomaly
0B0B22

Tritanomaly
1B0A18

Monochromacy



Original Color
1D0026

Achromatopsia
0D0D0D

Achromatomaly
130816

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0026 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 #1D0026 looks like.

```
.text, #text, p{  
    color:#1D0026  
}
```

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 #1D0026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0026
}
```

Border

The CSS property to change the border of an element to Hex 1D0026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

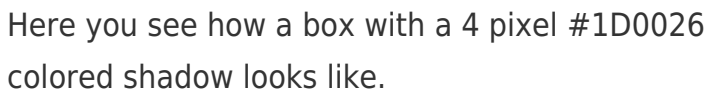
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D0026 }
```

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

```
.border{ border-color:#1D0026 }
```

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



Here you see how a box with a 4 pixel #1D0026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0026; -webkit-box-shadow:4px 4px  
4px 4px #1D0026; box-shadow:4px 4px 4px  
4px #1D0026 }
```

Background

The CSS property to change the background color of an element to Hex 1D0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0026 }
```

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

```
.background{ background-color:#1D0026 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor