

Converting Colors

Hex(1D0040)

Have a look what the booklet for
Hex(1D0040) contains.

| | |
|--|----|
| Hex(1D0040) | 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(1D0040)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 1D0040 |
| RGB | 29, 0, 64 |
| RGB Percent | 11%, 0%, 25% |
| CMY | 0.8863, 1.0000, 0.7490 |
| CMYK | 0.55, 1.00, 0.00, 0.75 |
| HSL | 267°, 100%, 13% |
| HSV | 267°, 100%, 25% |
| XYZ | 1.4321, 0.6314, 4.8969 |
| YIQ | 15.9670, -3.2600, 26.0520 |

Conversions

Conversions Part 2

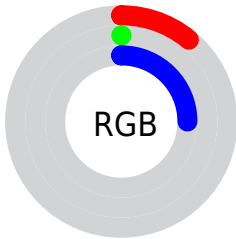
| Format | Color |
|-------------------------------------|---|
| RYB | 29, 0, 64 |
| Decimal | 1900608 |
| CIELab | 5.70, 29.95, -33.70 |
| CIELCh | 6, 45.087, 311.621 |
| Yxy | 0.6314, 0.2058, 0.0907 |
| Android (android.graphics.Color) | 4280090688 (0xFF1D0040) |
| YUV | 15.9670, 23.6803, 11.4299 |
| Hunter-Lab | 7.9459, 18.2660, -30.9768 |

Details

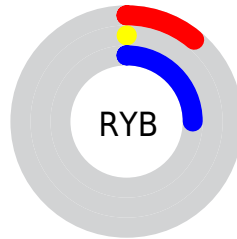
The Hex color **1D0040** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **234000**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4E2D71**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **1D0040**, and if you desaturate by 10%, it is **210640**.

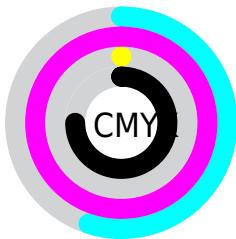
Distribution



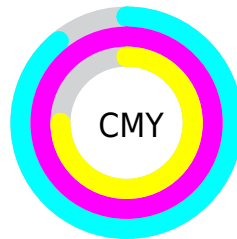
- Red (11%)
- Green (0%)
- Blue (25%)



- Red (11%)
- Yellow (0%)
- Blue (25%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (75%)



- Cyan (89%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0040 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 1D0040 by changing the saturation by 10% instead.

 1D0040

 1D0040

 FFE1FF


 00002A

 4E2D71

 000113

 67448A

 000000

 815CA5

 9C75C0

 B88FDC

 D4AAF9

 F0C5FF

 1D0040

■ 210640

■ 240D40

■ 281340

■ 2B1A40

■ 2F2040

■ 322640

■ 362D40

■ 393340

■ 3D3A40

Harmonies

Analogous

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



00144F



1D0040



3B0026

Triad

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



1D0040



280900



001D1E

Complementary

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



1D0040



234000

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.



001C00



1D0040



081600

Square

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



1D0040



390000



001C00



001F3A

Rectangle

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



1D0040



410012



001C00



001D14

Sweetspot

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



1D0040



463B54



002340



231C2B



ABABAB



2B2B2B

Same Dimension

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



1D0040



260054



3D0040



1F1E21



2C0061



6600E0

Inverse Universe

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



400023



54002E



034000



211E20



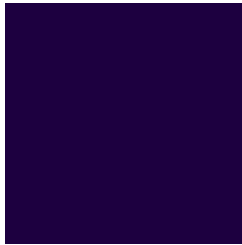
610035



E0007B

Previews

White Background



This preview shows how the Hex color 1D0040 looks on a white background.

Color Contrast Check

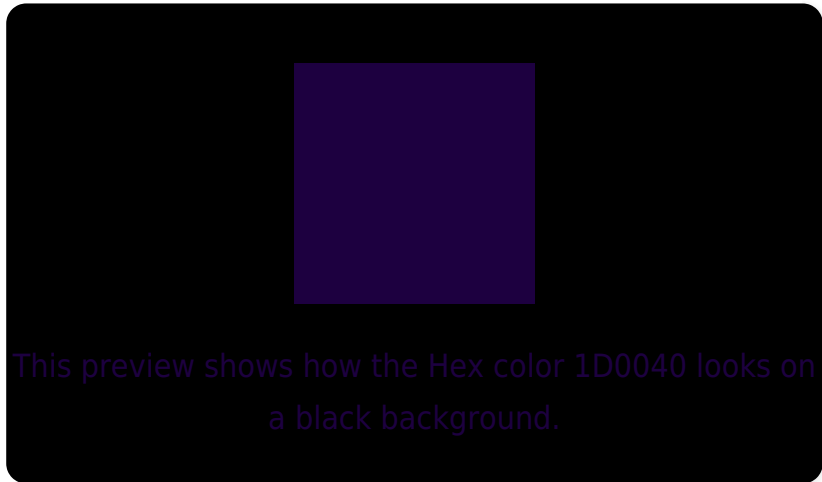
Large Text (above 18pt) WCAG AA ✓ Pass

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

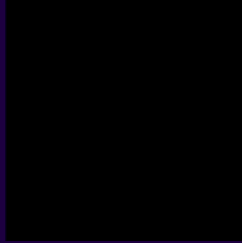
Any Text WCAG AA × Fail

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 1D0040 Background



This preview shows how black text looks on a background with the Hex color 1D0040.



This preview shows how white text looks on a background with the Hex color 1D0040.

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
1D0040

Protanopia
001730

Deuteranopia
001829



Tritanopia
10191B

Trichromacy



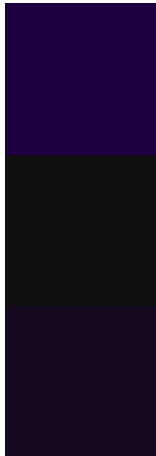
Original Color
1D0040

Protanomaly
0B0F36

Deuteranomaly
0B0F31

Tritanomaly
151028

Monochromacy



Original Color
1D0040

Achromatopsia
101010

Achromatomaly
150A21

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0040 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 #1D0040 looks like.

```
.text, #text, p{  
    color:#1D0040  
}
```

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 #1D0040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0040
}
```

Border

The CSS property to change the border of an element to Hex 1D0040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

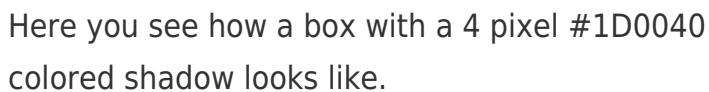
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D0040 }
```

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

```
.border{ border-color:#1D0040 }
```

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



Here you see how a box with a 4 pixel #1D0040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0040; -webkit-box-shadow:4px 4px  
4px 4px #1D0040; box-shadow:4px 4px 4px  
4px #1D0040 }
```

Background

The CSS property to change the background color of an element to Hex 1D0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0040 }
```

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

```
.background{ background-color:#1D0040 }
```

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