

Converting Colors

Hex(1D0B76)

Have a look what the booklet for
Hex(1D0B76) contains.

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Color

Hex(1D0B76)

Conversions

Conversions Part 1

Format	Color
Hex	1D0B76
RGB	29, 11, 118
RGB Percent	11%, 4%, 46%
CMY	0.8863, 0.9569, 0.5373
CMYK	0.75, 0.91, 0.00, 0.54
HSL	250°, 83%, 25%
HSV	250°, 91%, 46%
XYZ	3.8964, 1.8086, 17.2833
YIQ	28.5800, -23.6190, 37.0930

Conversions

Conversions Part 2

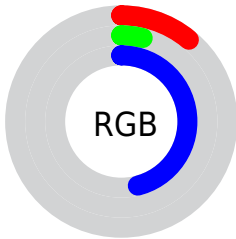
Format	Color
RYB	29, 11, 118
Decimal	1903478
CIELab	14.45, 41.16, -55.79
CIElCh	14, 69.330, 306.417
Yxy	1.8086, 0.1695, 0.0787
Android (android.graphics.Color)	4280093558 (0xFF1D0B76)
YUV	28.5800, 44.0841, 0.3683
Hunter-Lab	13.4483, 28.1825, -66.7837




Details

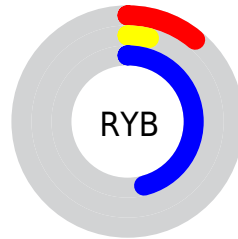
The Hex color **1D0B76** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **64760B**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **5A3BAB**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **140076**, and if you desaturate by 10%, it is **271776**.

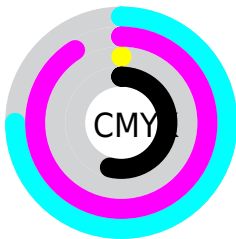
Distribution







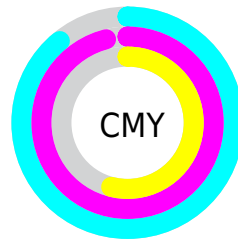
-  Red (11%)
-  Green (4%)
-  Blue (46%)






-  Red (11%)
-  Yellow (4%)
-  Blue (46%)



-  Cyan (75%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (89%)
-  Magenta (96%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0B76 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 1D0B76 by changing the saturation by 10% instead.

■ 1D0B76

■ 1D0B76

■ FFF4FF

■ 00005D

■ 5A3BAB

■ 000044

■ 7653C7

■ 00032D

■ 926CE4

■ 000117

■ AF86FF

■ 000000

■ CBA0FF

■ E9BCFF

■ FFD8FF

■ 1D0B76

■ 1D0B76

■ 140076

■ 271776

■ 312376

■ 3A2E76

■ 443A76

■ 4E4676

■ 585276

■ 625E76

■ 6C6976

■ 757576

Harmonies

Analogous

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



002B8A



1D0B76



61004D

Triad

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



1D0B76



4B0E00



00352E

Complementary

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



1D0B76



64760B

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.



003400



1D0B76



252700

Square

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



1D0B76



660000



002F00



00365F

Rectangle

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



1D0B76



6F002D



002F00



00341D

Sweetspot

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



1D0B76



777099



0B6476



38344D



CCCCCC



4D4D4D

Same Dimension

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



1D0B76



1A0099



520B76



36353B



15007A



2A00FA

Inverse Universe

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



760B64



99007F



2F760B



3B353A



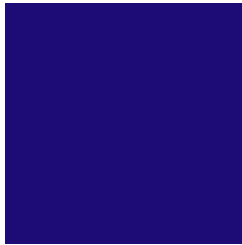
7A0066



FA00D0

Previews

White Background



This preview shows how the Hex color 1D0B76 looks on a white background.

Color Contrast Check

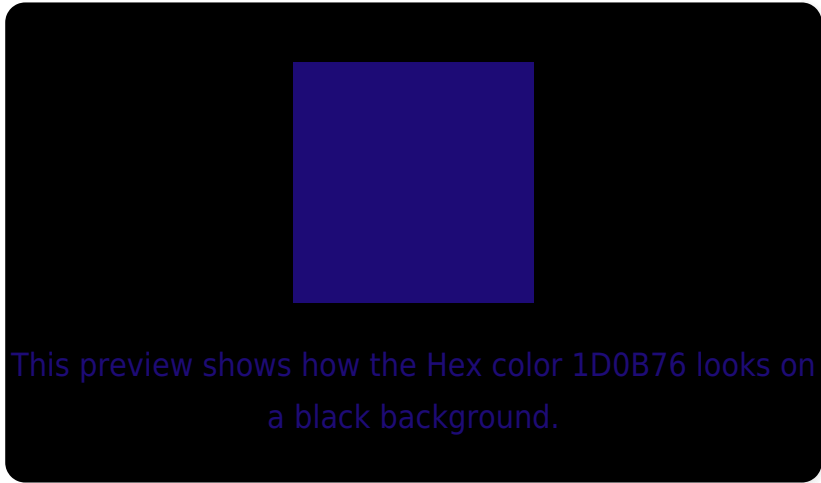
Large Text (above 18pt) WCAG AA ✓ Pass

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

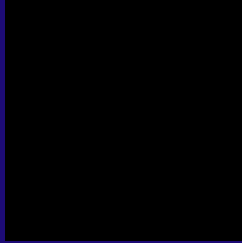
Any Text WCAG AA × Fail

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 1D0B76 Background



This preview shows how black text looks on a background with the Hex color 1D0B76.



This preview shows how white text looks on a background with the Hex color 1D0B76.

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
1D0B76

Protanopia
00254E

Deuteranopia
002843

Trichromacy



Original Color
1D0B76

Protanomaly
0B1C5D

Deuteranomaly
0B1D56

Tritanomaly
0B1F48

Monochromacy



Original Color
1D0B76

Achromatopsia
1D1D1D

Achromatomaly
1D163D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0B76 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 #1D0B76 looks like.

```
.text, #text, p{  
    color:#1D0B76  
}
```

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 #1D0B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0B76  
}
```

Border

The CSS property to change the border of an element to Hex 1D0B76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

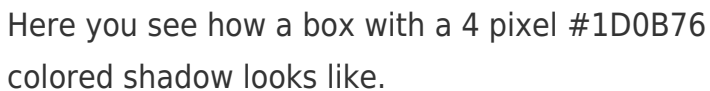
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#1D0B76 }
```

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

```
.border{ border-color:#1D0B76 }
```

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



Here you see how a box with a 4 pixel #1D0B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0B76; -webkit-box-shadow:4px 4px  
4px 4px #1D0B76; box-shadow:4px 4px 4px  
4px #1D0B76 }
```

Background

The CSS property to change the background color of an element to Hex 1D0B76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0B76 }
```

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

```
.background{ background-color:#1D0B76 }
```

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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