

Converting Colors

Hex(1D0F46)

Have a look what the booklet for
Hex(1D0F46) contains.

Hex(1D0F46)	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(1D0F46)

Conversions

Conversions Part 1

Format	Color
Hex	1D0F46
RGB	29, 15, 70
RGB Percent	11%, 6%, 27%
CMY	0.8863, 0.9412, 0.7255
CMYK	0.59, 0.79, 0.00, 0.73
HSL	255°, 65%, 17%
HSV	255°, 79%, 27%
XYZ	1.7830, 1.0451, 5.9021
YIQ	25.4560, -9.3110, 20.0730

Conversions

Conversions Part 2

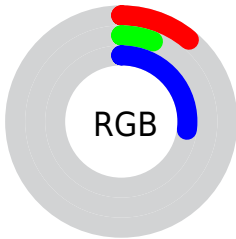
Format	Color
R_{YB}	29, 15, 70
Decimal	1904454
CIE Lab	9.36, 23.54, -31.96
CIE LCh	9, 39.696, 306.367
Yxy	1.0451, 0.2042, 0.1197
Android (android.graphics.Color)	4280094534 (0xFF1D0F46)
YUV	25.4560, 21.9602, 3.1081
Hunter-Lab	10.2228, 13.2432, -27.0749

Details

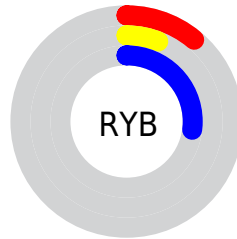
The Hex color **1D0F46** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **38460F**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4E3A77**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **180846**, and if you desaturate by 10%, it is **221646**.

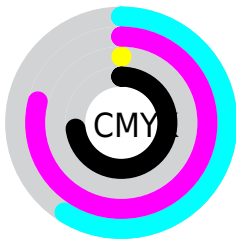
Distribution



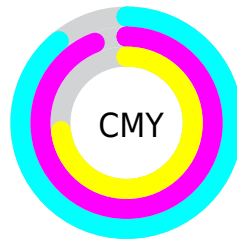
- Red (11%)
- Green (6%)
- Blue (27%)



- Red (11%)
- Yellow (6%)
- Blue (27%)



- Cyan (59%)
- Magenta (79%)
- Yellow (0%)
- Black (73%)



- Cyan (89%)
- Magenta (94%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D0F46 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 1D0F46 by changing the saturation by 10% instead.

 1D0F46

 1D0F46

 FFF0FF


 0A0030

 4E3A77

 00011A

 675191

 000000

 816AAC

 9C83C7

 B79DE3

 D3B8FF

 F0D4FF

 1D0F46

 1D0F46

■ 180846

■ 221646

■ 130146

■ 271D46

■ 120046

■ 2D2446

■ 322B46

■ 373246

■ 3C3946

■ 424046

■ 474746

■ 4C4E46

Harmonies

Analogous

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



001D51



1D0F46



3C0030

Triad

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



1D0F46



321000



00271F

Complementary

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



1D0F46



38460F

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.



002500



1D0F46



1D1B00

Square

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



1D0F46



410000



002200



00263A

Rectangle

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



1D0F46



44001F



002200



002616

Sweetspot

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



1D0F46



4B465C



0F3846



24212E



ADADAD



2E2E2E

Same Dimension

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



1D0F46



1B065C



380F46



212024



190063



3A00E3

Inverse Universe

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



460F38



5C0646



1D460F



242023



63004A



E300A9

Previews

White Background



This preview shows how the Hex color 1D0F46 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

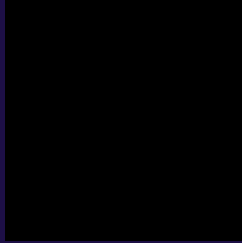
Any Text WCAG AA × Fail

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 1D0F46 Background



This preview shows how black text looks on a background with the Hex color 1D0F46.



This preview shows how white text looks on a background with the Hex color 1D0F46.

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
1D0F46

Protanopia
001B38

Deuteranopia
001C30



Tritanopia
0D1E20

Trichromacy



Original Color
1D0F46

Protanomaly
0B173D

Deuteranomaly
0B1738

Tritanomaly
13192E

Monochromacy



Original Color
1D0F46

Achromatopsia
191919

Achromatomaly
1A1529

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D0F46 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 #1D0F46 looks like.

```
.text, #text, p{  
    color:#1D0F46  
}
```

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 #1D0F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D0F46  
}
```

Border

The CSS property to change the border of an element to Hex 1D0F46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

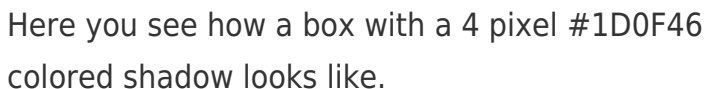
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#1D0F46 }
```

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

```
.border{ border-color:#1D0F46 }
```

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



Here you see how a box with a 4 pixel #1D0F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D0F46; -webkit-box-shadow:4px 4px  
4px 4px #1D0F46; box-shadow:4px 4px 4px  
4px #1D0F46 }
```

Background

The CSS property to change the background color of an element to Hex 1D0F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D0F46 }
```

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

```
.background{ background-color:#1D0F46 }
```

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