

Converting Colors

Hex(101D36)

Have a look what the booklet for
Hex(101D36) contains.

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Color

Hex(101D36)

Conversions

Conversions Part 1

Format	Color
Hex	101D36
RGB	16, 29, 54
RGB Percent	6%, 11%, 21%
CMY	0.9373, 0.8863, 0.7882
CMYK	0.70, 0.46, 0.00, 0.79
HSL	219°, 54%, 14%
HSV	219°, 70%, 21%
XYZ	1.3189, 1.2552, 3.6628
YIQ	27.9630, -15.7730, 5.0190

Conversions

Conversions Part 2

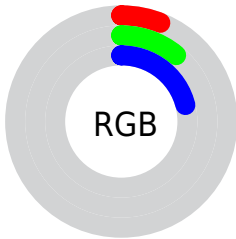
Format	Color
RYB	16, 26, 54
Decimal	1056054
CIELab	10.96, 3.95, -18.08
CIELCh	11, 18.508, 282.322
Yxy	1.2552, 0.2115, 0.2013
Android (android.graphics.Color)	4279246134 (0xFF101D36)
YUV	27.9630, 12.8362, -10.4916
Hunter-Lab	11.2037, 1.4066, -11.5409

Details

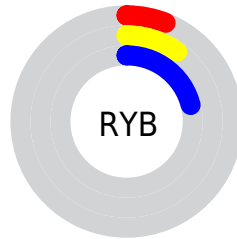
The Hex color **101D36** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **362910**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **3E4865**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **0B1936**, and if you desaturate by 10%, it is **152136**.

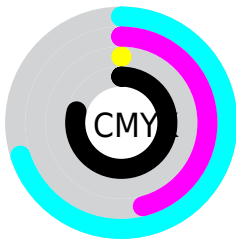
Distribution



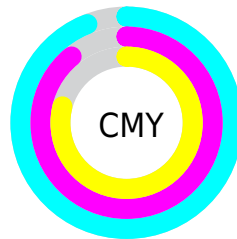
- Red (6%)
- Green (11%)
- Blue (21%)



- Red (6%)
- Yellow (10%)
- Blue (21%)



- Cyan (70%)
- Magenta (46%)
- Yellow (0%)
- Black (79%)



- Cyan (94%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101D36 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 101D36 by changing the saturation by 10% instead.

■ 101D36

■ 101D36

■ F8FFFF

■ 000221

■ 3E4865

■ 000006

■ 56607E

■ 000000

■ 6F7998

■ 8992B3

■ A4ADCE

■ BFC8EB

■ DBE4FF

■ 101D36

■ 101D36

■ 0B1936

■ 152136

■ 051636

■ 1B2436

■ 001236

■ 202836

■ 262B36

■ 2B2F36

■ 303236

■ 363636

■ 3B3936

■ 413D36

Harmonies

Analogous

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



002135



101D36



251830

Triad

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



101D36



32150A



002315

Complementary

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



101D36



362910

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.



132106



101D36



2C1A00

Square

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



101D36



351219



211E00



002422

Rectangle

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



101D36



2E1529



211E00



052311

Sweetspot

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



101D36



383E47



103629



1B1E24



A3A3A3



242424

Same Dimension

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



101D36



0B2047



161036



191A1C



001F5C



004BDB

Inverse Universe

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



36101D



470B20



303610



1C191A



5C001F



DB004B

Previews

White Background



This preview shows how the Hex color 101D36 looks on a white background.

Color Contrast Check

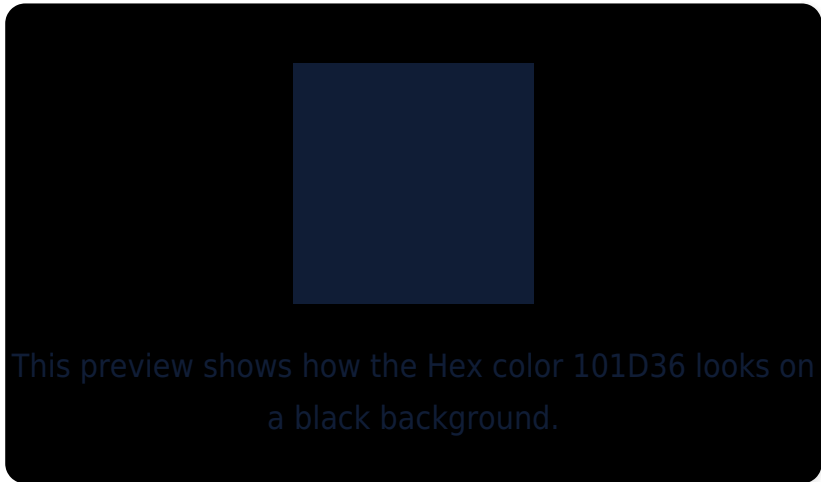
Large Text (above 18pt) WCAG AA ✓ Pass

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

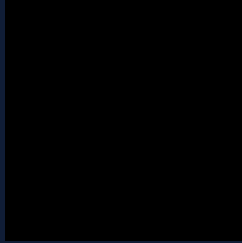
Any Text WCAG AA × Fail

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 101D36 Background



This preview shows how black text looks on a background with the Hex color 101D36.



This preview shows how white text looks on a background with the Hex color 101D36.

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
101D36

Protanopia
111D36

Deuteranopia
001E36

Trichromacy



Original Color
101D36

Protanomaly
111D36

Deuteranomaly
061E36

Tritanomaly
06202B

Monochromacy



Original Color
101D36

Achromatopsia
1C1C1C

Achromatomaly
181C25

CSS Examples

Text

The CSS property to change the color of the text to Hex 101D36 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 #101D36 looks like.

```
.text, #text, p{  
    color:#101D36  
}
```

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 #101D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101D36
}
```

Border

The CSS property to change the border of an element to Hex 101D36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

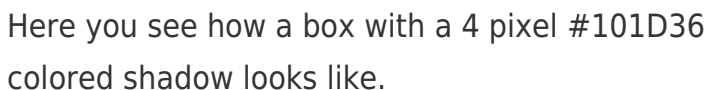
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#101D36 }
```

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

```
.border{ border-color:#101D36 }
```

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



Here you see how a box with a 4 pixel #101D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101D36; -webkit-box-shadow:4px 4px  
4px 4px #101D36; box-shadow:4px 4px 4px  
4px #101D36 }
```

Background

The CSS property to change the background color of an element to Hex 101D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101D36 }
```

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

```
.background{ background-color:#101D36 }
```

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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