

Converting Colors

Hex(101436)

Have a look what the booklet for
Hex(101436) contains.

Hex(101436)	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(101436)

Conversions

Conversions Part 1

Format	Color
Hex	101436
RGB	16, 20, 54
RGB Percent	6%, 8%, 21%
CMY	0.9373, 0.9216, 0.7882
CMYK	0.70, 0.63, 0.00, 0.79
HSL	234°, 54%, 14%
HSV	234°, 70%, 21%
XYZ	1.1297, 0.8768, 3.5997
YIQ	22.6800, -13.2980, 9.7260

Conversions

Conversions Part 2

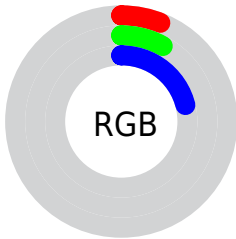
Format	Color
R_{YB}	16, 20, 54
Decimal	1053750
CIE Lab	7.92, 11.00, -22.95
CIE LCh	8, 25.449, 295.615
Yxy	0.8768, 0.2015, 0.1564
Android (android.graphics.Color)	4279243830 (0xFF101436)
YUV	22.6800, 15.4408, -5.8584
Hunter-Lab	9.3638, 5.1484, -16.2381

Details

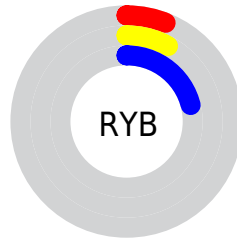
The Hex color **101436** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **363210**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3F3E65**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **0B0F36**, and if you desaturate by 10%, it is **151936**.

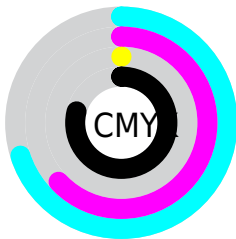
Distribution



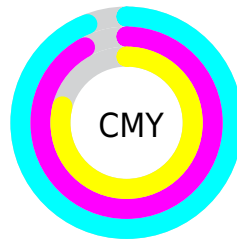
- Red (6%)
- Green (8%)
- Blue (21%)



- Red (6%)
- Yellow (8%)
- Blue (21%)



- Cyan (70%)
- Magenta (63%)
- Yellow (0%)
- Black (79%)



- Cyan (94%)
- Magenta (92%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101436 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 101436 by changing the saturation by 10% instead.

■ 101436

■ 101436

■ F9F4FF

■ 000021

■ 3F3E65

■ 000005

■ 57557E

■ 000000

■ 706D98

■ 8A87B3

■ A5A1CF

■ C0BCEB

■ DCD8FF

■ 101436

■ 101436

■ 0B0F36

■ 151936

■ 050A36

■ 1B1E36

■ 000636

■ 202236

■ 262736

■ 2B2C36

■ 303136

■ 363636

■ 3B3B36

■ 413F36

Harmonies

Analogous

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



001A39



101436



290B2B

Triad

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



101436



2D0E00



002014

Complementary

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



101436



363210

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.



001F00



101436



211600

Square

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



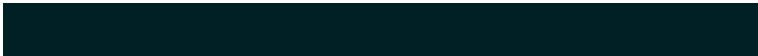
101436



340603



0F1B00



002025

Rectangle

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



101436



310620



0F1B00



00200C

Sweetspot

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



101436



383A47



103632



1B1C24



A3A3A3



242424

Same Dimension

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



101436



0B1247



1F1036



191A1C



000A5C



0017DB

Inverse Universe

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



361014



470B12



273610



1C191A



5C000A



DB0017

Previews

White Background



This preview shows how the Hex color 101436 looks on a white background.

Color Contrast Check

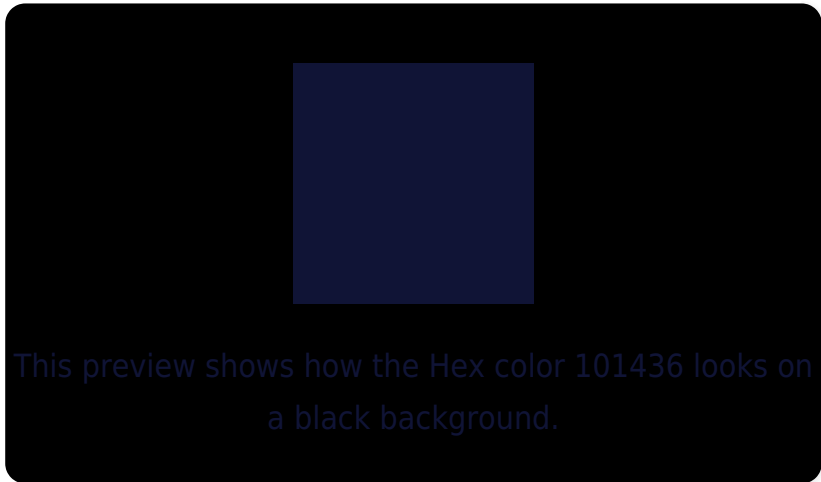
Large Text (above 18pt) WCAG AA ✓ Pass

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

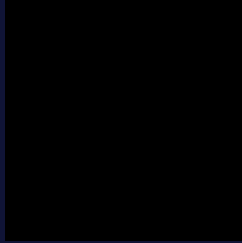
Any Text WCAG AA × Fail

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 101436 Background



This preview shows how black text looks on a background with the Hex color 101436.



This preview shows how white text looks on a background with the Hex color 101436.

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
101436

Protanopia
001731

Deuteranopia
00192A



Tritanopia
001B1C

Trichromacy



Original Color
101436

Protanomaly
061633

Deuteranomaly
06172E

Tritanomaly
061825

Monochromacy



Original Color
101436

Achromatopsia
171717

Achromatomaly
141622

CSS Examples

Text

The CSS property to change the color of the text to Hex 101436 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 #101436 looks like.

```
.text, #text, p{  
    color:#101436  
}
```

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 #101436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101436
}
```

Border

The CSS property to change the border of an element to Hex 101436 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
#101436 }
```

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

```
.border{ border-color:#101436 }
```

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

Here you see how a box with a 4 pixel #101436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101436; -webkit-box-shadow:4px 4px  
4px 4px #101436; box-shadow:4px 4px 4px  
4px #101436 }
```

Background

The CSS property to change the background color of an element to Hex 101436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101436 }
```

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

```
.background{ background-color:#101436 }
```

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