

Converting Colors

Hex(102337)

Have a look what the booklet for
Hex(102337) contains.

Hex(102337)	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(102337)

Conversions

Conversions Part 1

Format	Color
Hex	102337
RGB	16, 35, 55
RGB Percent	6%, 14%, 22%
CMY	0.9373, 0.8627, 0.7843
CMYK	0.71, 0.36, 0.00, 0.78
HSL	211°, 55%, 14%
HSV	211°, 71%, 22%
XYZ	1.5043, 1.5881, 3.8417
YIQ	31.5990, -17.7440, 2.1920

Conversions

Conversions Part 2

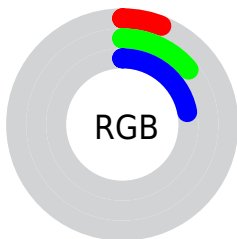
Format	Color
R_{YB}	16, 29, 55
Decimal	1057591
CIE _{Lab}	13.16, -0.14, -15.33
CIE _{LCh}	13, 15.326, 269.471
Yxy	1.5881, 0.2169, 0.2290
Android (android.graphics.Color)	4279247671 (0xFF102337)
YUV	31.5990, 11.5367, -13.6803
Hunter-Lab	12.6018, -0.7452, -9.2533

Details

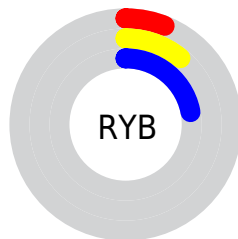
The Hex color **102337** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **372410**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3E4F66**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **0B2037**, and if you desaturate by 10%, it is **162637**.

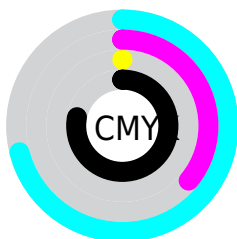
Distribution



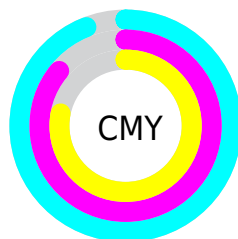
- Red (6%)
- Green (14%)
- Blue (22%)



- Red (6%)
- Yellow (11%)
- Blue (22%)



- Cyan (71%)
- Magenta (36%)
- Yellow (0%)
- Black (78%)



- Cyan (94%)
- Magenta (86%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102337 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 102337 by changing the saturation by 10% instead.

■ 102337

■ 102337

■ F8FFFF

■ 000D22

■ 3E4F66

■ 000009

■ 57677F

■ 000000

■ 708099

■ 899AB4

■ A4B5CF

■ BFD0EC

■ DBEDFF

■ 102337

■ 102337

■ 0B2037

■ 162637

■ 051D37

■ 1B2937

■ 001B37

■ 212B37

■ 262E37

■ 2C3137

■ 313437

■ 373737

■ 3C3A37

■ 423C37

Harmonies

Analogous

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



002634



102337



221F34

Triad

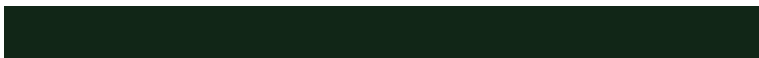
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



102337



361A18



112617

Complementary

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



102337



372410

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.



1E240E



102337



311D0F

Square

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



102337



351922



29210A



012721

Rectangle

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



102337



2B1C30



29210A



152614

Sweetspot

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



102337



384047



103724



1B1F24



A3A3A3



242424

Same Dimension

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



102337



0B2847



101037



191B1C



002D5C



006BDB

Inverse Universe

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



371023



470B28



373710



1C191B



5C002D



DB006B

Previews

White Background



This preview shows how the Hex color 102337 looks on a white background.

Color Contrast Check

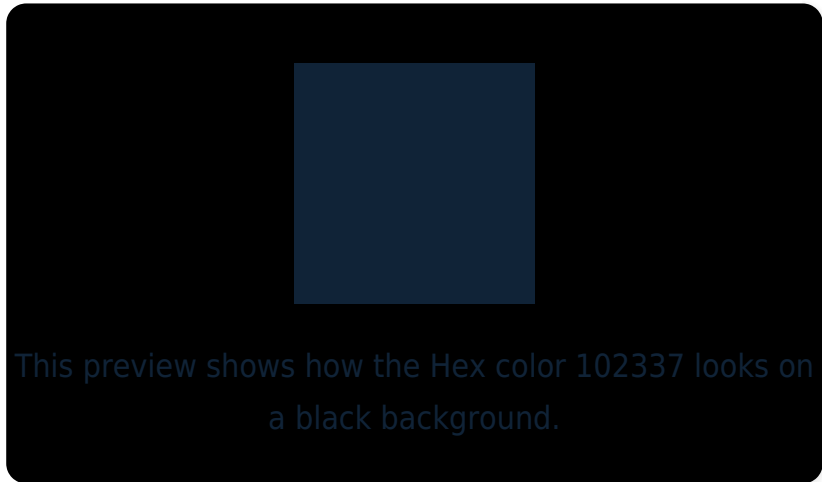
Large Text (above 18pt) WCAG AA ✓ Pass

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

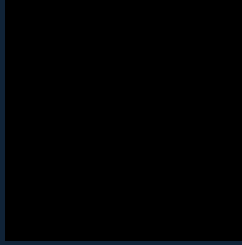
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

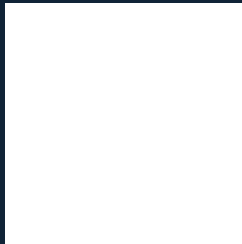
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 102337 Background



This preview shows how black text looks on a background with the Hex color 102337.



This preview shows how white text looks on a background with the Hex color 102337.

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
102337

Protanopia
1B2136

Deuteranopia
152237

Trichromacy



Original Color
102337

Protanomaly
172236

Deuteranomaly
132237

Tritanomaly
06252E

Monochromacy



Original Color
102337

Achromatopsia
202020

Achromatomaly
1A2128

CSS Examples

Text

The CSS property to change the color of the text to Hex 102337 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 #102337 looks like.

```
.text, #text, p{  
    color:#102337  
}
```

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 #102337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102337
}
```

Border

The CSS property to change the border of an element to Hex 102337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

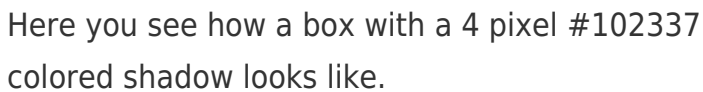
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#102337 }
```

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

```
.border{ border-color:#102337 }
```

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



Here you see how a box with a 4 pixel #102337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102337; -webkit-box-shadow:4px 4px  
4px 4px #102337; box-shadow:4px 4px 4px  
4px #102337 }
```

Background

The CSS property to change the background color of an element to Hex 102337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102337 }
```

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

```
.background{ background-color:#102337 }
```

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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