

Converting Colors

Hex(102E36)

Have a look what the booklet for
Hex(102E36) contains.

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Color

Hex(102E36)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 102E36 |
| RGB | 16, 46, 54 |
| RGB Percent | 6%, 18%, 21% |
| CMY | 0.9373, 0.8196, 0.7882 |
| CMYK | 0.70, 0.15, 0.00, 0.79 |
| HSL | 193°, 54%, 14% |
| HSV | 193°, 70%, 21% |
| XYZ | 1.8565, 2.3305, 3.8420 |
| YIQ | 37.9420, -20.4480, -3.8720 |

Conversions

Conversions Part 2

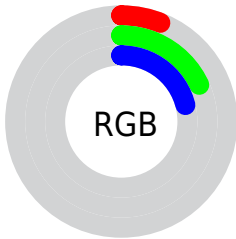
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 16, 33, 54 |
| Decimal | 1060406 |
| CIE _{Lab} | 17.13, -8.16, -8.47 |
| CIE _{LCh} | 17, 11.764, 226.061 |
| Yxy | 2.3305, 0.2312, 0.2903 |
| Android (android.graphics.Color) | 4279250486 (0xFF102E36) |
| YUV | 37.9420, 7.9166, -19.2431 |
| Hunter-Lab | 15.2659, -5.0075, -4.2355 |

Details

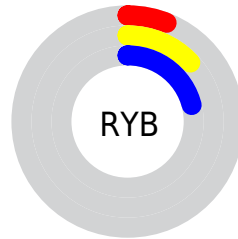
The Hex color **102E36** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **361810**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3F5C65**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **0B2D36**, and if you desaturate by 10%, it is **152F36**.

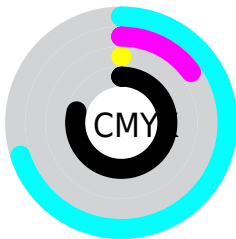
Distribution



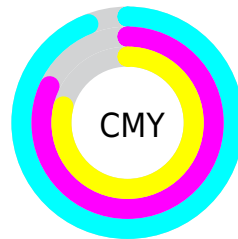
- Red (6%)
- Green (18%)
- Blue (21%)



- Red (6%)
- Yellow (13%)
- Blue (21%)



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (79%)



- Cyan (94%)
- Magenta (82%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102E36 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 102E36 by changing the saturation by 10% instead.

 102E36

 102E36

 F9FFFF

 001A21

 3F5C65

 000009

 57747E

 000000

 708E97

 8AA8B2

 A5C4CE

 C0E0EA

 DCFCFF

 102E36

 102E36

■ 0B2D36

■ 152F36

■ 052C36

■ 1B3036

■ 002B36

■ 203136

■ 263336

■ 2B3436

■ 303536

■ 363636

■ 3B3736

■ 413836

Harmonies

Analogous

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



102F2F



102E36



192C3A

Triad

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



102E36



38242E



2B2B1A

Complementary

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



102E36



361810

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.



34281A



102E36



3B2426

Square

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



102E36



312636



39261E



222D1E

Rectangle

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



102E36



222A3B



39261E



2E2A19

Sweetspot

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



102E36



384447



103618



1B2224



A3A3A3



242424

Same Dimension

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



102E36



0B3B47



101B36



191B1C



00485C



00ADD8

Inverse Universe

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



36102E



470B3B



362B10



1C191B



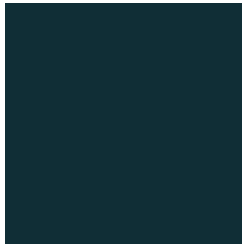
5C0048



DB00AD

Previews

White Background



This preview shows how the Hex color 102E36 looks on a white background.

Color Contrast Check

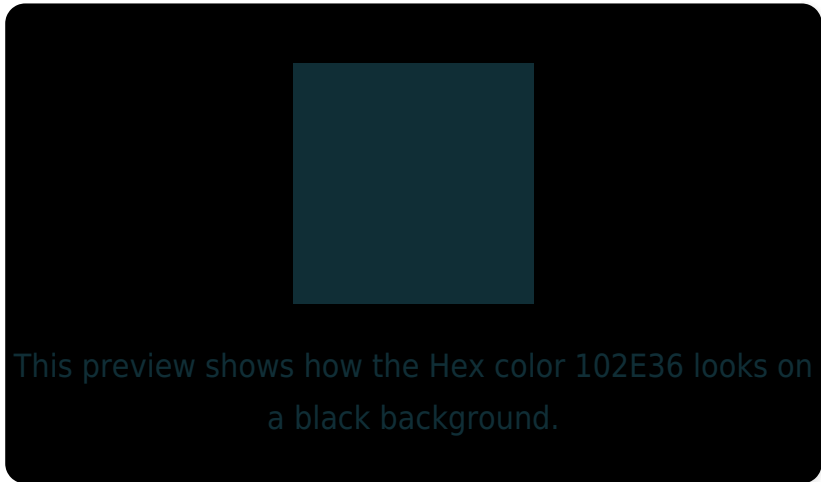
Large Text (above 18pt) WCAG AA ✓ Pass

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

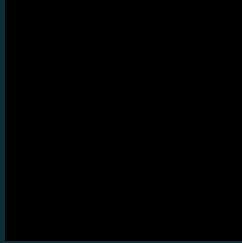
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

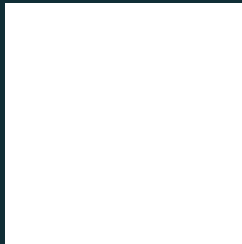
Any Text WCAG AAA × Fail

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

Hex 102E36 Background



This preview shows how black text looks on a background with the Hex color 102E36.



This preview shows how white text looks on a background with the Hex color 102E36.

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
102E36

Protanopia
282A33

Deuteranopia
282A37



Tritanopia
0E2F32

Trichromacy



Original Color

102E36

Protanomaly

1F2B34

Deuteranomaly

1F2B37

Tritanomaly

0F2F33

Monochromacy



Original Color

102E36

Achromatopsia

262626

Achromatomaly

1E292C

CSS Examples

Text

The CSS property to change the color of the text to Hex 102E36 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 #102E36 looks like.

```
.text, #text, p{  
    color:#102E36  
}
```

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 #102E36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102E36
}
```

Border

The CSS property to change the border of an element to Hex 102E36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

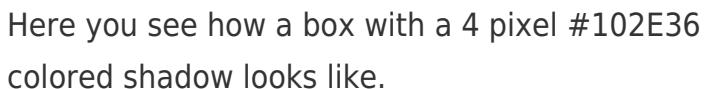
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#102E36 }
```

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

```
.border{ border-color:#102E36 }
```

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



Here you see how a box with a 4 pixel #102E36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102E36; -webkit-box-shadow:4px 4px  
4px 4px #102E36; box-shadow:4px 4px 4px  
4px #102E36 }
```

Background

The CSS property to change the background color of an element to Hex 102E36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102E36 }
```

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

```
.background{ background-color:#102E36 }
```

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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