

Converting Colors

Hex(102C36)

Have a look what the booklet for
Hex(102C36) contains.

Hex(102C36)	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(102C36)

Conversions

Conversions Part 1

Format	Color
Hex	102C36
RGB	16, 44, 54
RGB Percent	6%, 17%, 21%
CMY	0.9373, 0.8275, 0.7882
CMYK	0.70, 0.19, 0.00, 0.79
HSL	196°, 54%, 14%
HSV	196°, 70%, 21%
XYZ	1.7802, 2.1779, 3.8166
YIQ	36.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

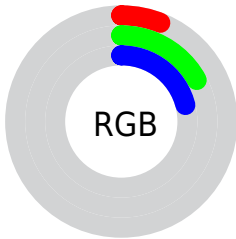
Format	Color
R _Y B	16, 32, 54
Decimal	1059894
CIE Lab	16.39, -6.85, -9.60
CIE LCh	16, 11.792, 234.512
Yxy	2.1779, 0.2290, 0.2801
Android (android.graphics.Color)	4279249974 (0xFF102C36)
YUV	36.7680, 8.4954, -18.2135
Hunter-Lab	14.7576, -4.2932, -5.0031

Details

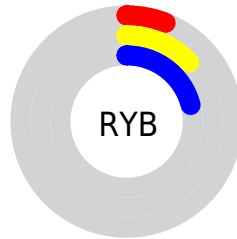
The Hex color **102C36** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **361A10**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3F5A65**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **0B2B36**, and if you desaturate by 10%, it is **152D36**.

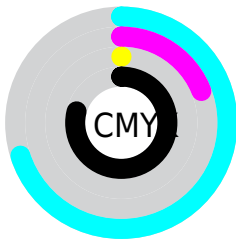
Distribution



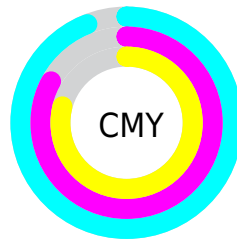
- Red (6%)
- Green (17%)
- Blue (21%)



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



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)
- Black (79%)



- Cyan (94%)
- Magenta (83%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102C36 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 102C36 by changing the saturation by 10% instead.

 102C36

 102C36

 F9FFFF

 001821

 3F5A65

 000008

 57727E

 000000

 708C98

 8AA6B2

 A5C1CE

 C0DDEA

 DCF9FF

 102C36

 102C36

■ 0B2B36

■ 152D36

■ 052936

■ 1B2F36

■ 002836

■ 203036

■ 263236

■ 2B3336

■ 303536

■ 363636

■ 3B3736

■ 413936

Harmonies

Analogous

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



0D2D2F



102C36



1B2A39

Triad

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



102C36



38222A



272A19

Complementary

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



102C36



361A10

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.



302818



102C36



392322

Square

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



102C36



322432



36251B



1E2C1F

Rectangle

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



102C36



242839



36251B



2A2918

Sweetspot

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



102C36



384347



103619



1B2124



A3A3A3



242424

Same Dimension

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



102C36



0B3847



101936



191B1C



00445C



00A2DB

Inverse Universe

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



36102C



470B38



362D10



1C191B



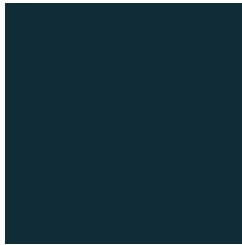
5C0044



DB00A2

Previews

White Background



This preview shows how the Hex color 102C36 looks on a white background.

Color Contrast Check

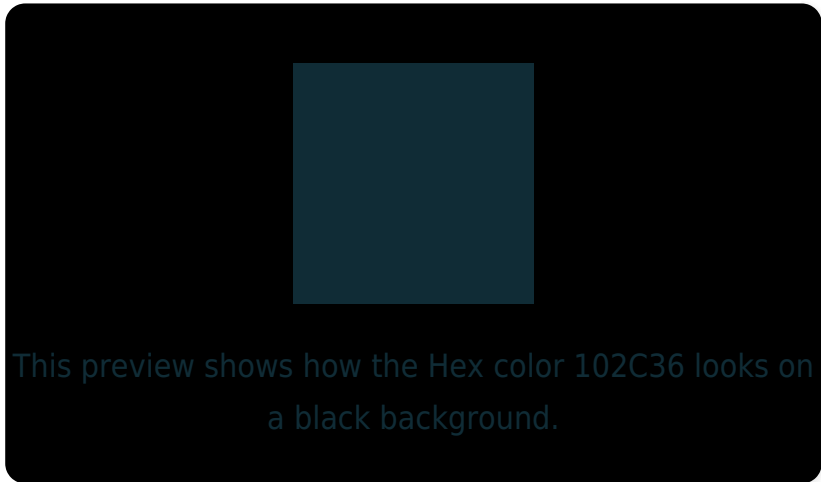
Large Text (above 18pt) WCAG AA ✓ Pass

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

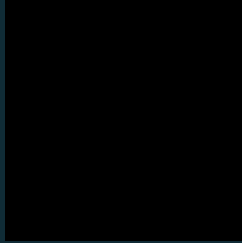
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

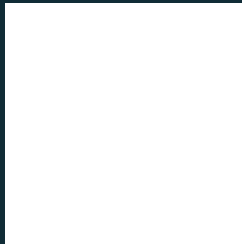
Any Text WCAG AAA × Fail

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

Hex 102C36 Background



This preview shows how black text looks on a background with the Hex color 102C36.



This preview shows how white text looks on a background with the Hex color 102C36.

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
102C36

Protanopia
262833

Deuteranopia
252837



Tritanopia
0C2D31

Trichromacy



Original Color
102C36

Protanomaly
1E2934

Deuteranomaly
1D2937

Tritanomaly
0D2D33

Monochromacy



Original Color
102C36

Achromatopsia
252525

Achromatomaly
1D282B

CSS Examples

Text

The CSS property to change the color of the text to Hex 102C36 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 #102C36 looks like.

```
.text, #text, p{  
    color:#102C36  
}
```

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 #102C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102C36
}
```

Border

The CSS property to change the border of an element to Hex 102C36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

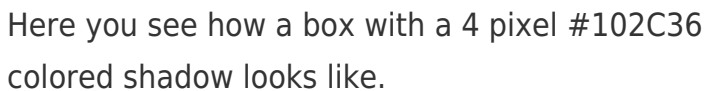
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#102C36 }
```

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

```
.border{ border-color:#102C36 }
```

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



Here you see how a box with a 4 pixel #102C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102C36; -webkit-box-shadow:4px 4px  
4px 4px #102C36; box-shadow:4px 4px 4px  
4px #102C36 }
```

Background

The CSS property to change the background color of an element to Hex 102C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102C36 }
```

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

```
.background{ background-color:#102C36 }
```

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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