

Converting Colors

Hex(102C35)

Have a look what the booklet for
Hex(102C35) contains.

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Color

Hex(102C35)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 102C35 |
| RGB | 16, 44, 53 |
| RGB Percent | 6%, 17%, 21% |
| CMY | 0.9373, 0.8275, 0.7922 |
| CMYK | 0.70, 0.17, 0.00, 0.79 |
| HSL | 195°, 54%, 14% |
| HSV | 195°, 70%, 21% |
| XYZ | 1.7570, 2.1686, 3.6941 |
| YIQ | 36.6540, -19.5770, -3.1370 |

Conversions

Conversions Part 2

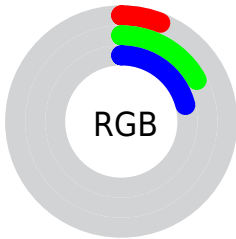
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 16, 32, 53 |
| Decimal | 1059893 |
| CIE _{Lab} | 16.35, -7.23, -8.97 |
| CIE _{LCh} | 16, 11.522, 231.152 |
| Yxy | 2.1686, 0.2306, 0.2846 |
| Android (android.graphics.Color) | 4279249973 (0xFF102C35) |
| YUV | 36.6540, 8.0586, -18.1136 |
| Hunter-Lab | 14.7260, -4.4737, -4.5651 |

Details

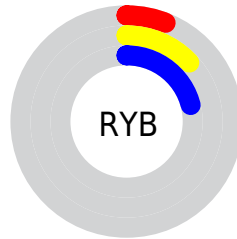
The Hex color **102C35** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **351910**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3F5A64**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **0B2B35**, and if you desaturate by 10%, it is **152D35**.

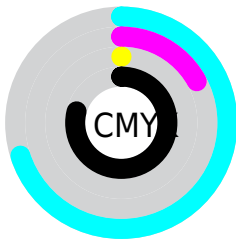
Distribution



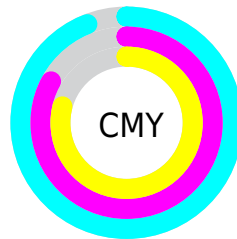
- Red (6%)
- Green (17%)
- Blue (21%)



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



- Cyan (70%)
- Magenta (17%)
- Yellow (0%)
- Black (79%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 102C35 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 102C35 by changing the saturation by 10% instead.

■ 102C35

■ 102C35

■ F8FFFF

■ 001820

■ 3F5A64

■ 000007

■ 57727C

■ 000000

■ 708C96

■ 8AA6B1

■ A4C1CC

■ C0DDE9

■ DCF9FF

■ 102C35

■ 102C35

■ 0B2B35

■ 152D35

■ 052935

■ 1B2F35

■ 002835

■ 203035

■ 253135

■ 2B3235

■ 303435

■ 353535

■ 3A3635

■ 403835

Harmonies

Analogous

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



0E2D2E



102C35



1A2A39

Triad

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



102C35



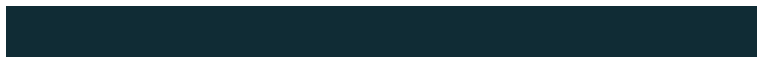
37232B



282A19

Complementary

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



102C35



351910

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.



302718



102C35



392323

Square

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



102C35



312433



36241C



1F2C1E

Rectangle

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



102C35



222838



36241C



2B2918

Sweetspot

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



102C35



364145



103519



1B2224



A3A3A3



242424

Same Dimension

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



102C35



0B3745



101A35



17191A



004459



00A4D9

Inverse Universe

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



35102C



450B37



352B10



1A1719



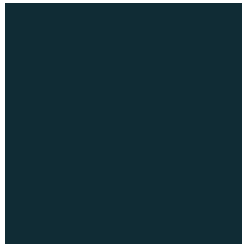
590044



D900A4

Previews

White Background



This preview shows how the Hex color 102C35 looks on a white background.

Color Contrast Check

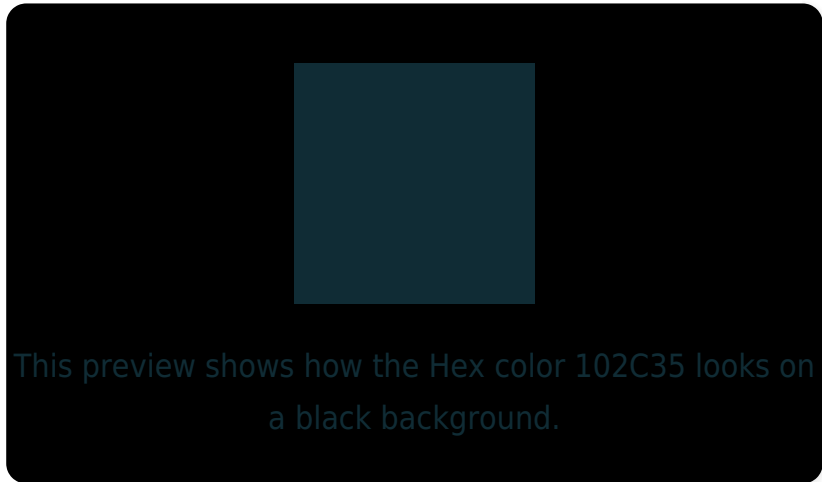
Large Text (above 18pt) WCAG AA ✓ Pass

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

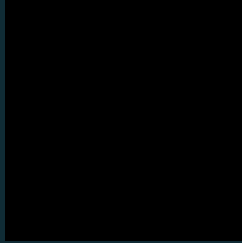
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

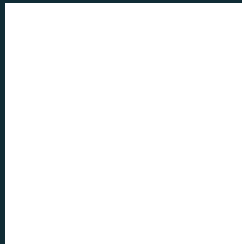
Any Text WCAG AAA × Fail

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

Hex 102C35 Background



This preview shows how black text looks on a background with the Hex color 102C35.



This preview shows how white text looks on a background with the Hex color 102C35.

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
102C35

Protanopia
262832

Deuteranopia
252836

Trichromacy



Original Color

102C35

Protanomaly

1E2933

Deuteranomaly

1D2936

Tritanomaly

0E2D32

Monochromacy



Original Color

102C35

Achromatopsia

252525

Achromatomaly

1D282B

CSS Examples

Text

The CSS property to change the color of the text to Hex 102C35 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 #102C35 looks like.

```
.text, #text, p{  
    color:#102C35  
}
```

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 #102C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102C35
}
```

Border

The CSS property to change the border of an element to Hex 102C35 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
#102C35 }
```

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

```
.border{ border-color:#102C35 }
```

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

Here you see how a box with a 4 pixel #102C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102C35; -webkit-box-shadow:4px 4px  
4px 4px #102C35; box-shadow:4px 4px 4px  
4px #102C35 }
```

Background

The CSS property to change the background color of an element to Hex 102C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102C35 }
```

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

```
.background{ background-color:#102C35 }
```

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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