

Converting Colors

Hex(16102C)

Have a look what the booklet for
Hex(16102C) contains.

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Color

Hex(16102C)

Conversions

Conversions Part 1

Format	Color
Hex	16102C
RGB	22, 16, 44
RGB Percent	9%, 6%, 17%
CMY	0.9137, 0.9373, 0.8275
CMYK	0.50, 0.64, 0.00, 0.83
HSL	253°, 47%, 12%
HSV	253°, 64%, 17%
XYZ	0.9708, 0.7230, 2.4713
YIQ	20.9860, -5.4120, 9.9800

Conversions

Conversions Part 2

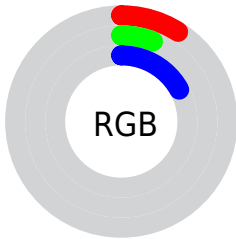
Format	Color
R_{YB}	22, 16, 44
Decimal	1445932
CIE Lab	6.53, 11.37, -17.78
CIE LCh	7, 21.104, 302.595
Yxy	0.7230, 0.2331, 0.1736
Android (android.graphics.Color)	4279636012 (0xFF16102C)
YUV	20.9860, 11.3459, 0.8893
Hunter-Lab	8.5030, 5.4993, -11.2797

Details

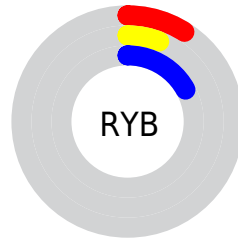
The Hex color **16102C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **262C10**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **423A5A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **130C2C**, and if you desaturate by 10%, it is **19142C**.

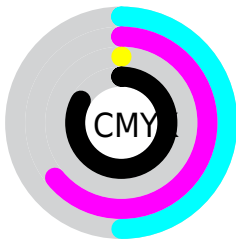
Distribution



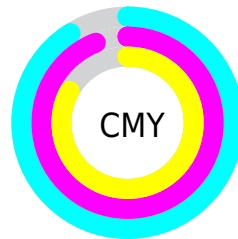
- Red (9%)
- Green (6%)
- Blue (17%)



- Red (9%)
- Yellow (6%)
- Blue (17%)



- Cyan (50%)
- Magenta (64%)
- Yellow (0%)
- Black (83%)



- Cyan (91%)
- Magenta (94%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16102C 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 16102C by changing the saturation by 10% instead.

■ 16102C

■ 16102C

■ FBEFFF

■ 000117

■ 423A5A

■ 000000

■ 5A5172

■ 73698C

■ 8D82A6

■ A79CC2

■ C2B7DE

■ DED3FA

■ 16102C

■ 16102C

■ 130C2C

■ 19142C

■ 0F072C

■ 1D192C

■ 0C032C

■ 201D2C

■ 09002C

■ 24222C

■ 27262C

■ 2B2A2C

■ 2E2F2C

■ 32332C

■ 35382C

Harmonies

Analogous

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



001630



16102C



260922

Triad

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



16102C



250E00



001D15

Complementary

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



16102C



262C10

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.



001C00



16102C



1A1400

Square

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



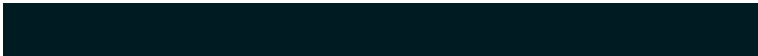
16102C



2D0800



071900



001C23

Rectangle

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



16102C



2B0619



071900



001D0F

Sweetspot

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



16102C



302D38



10262C



17161C



9C9C9C



1C1C1C

Same Dimension

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



16102C



170D38



24102C



151517



130057



2E00D6

Inverse Universe

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



2C1026



380D2F



182C10



171516



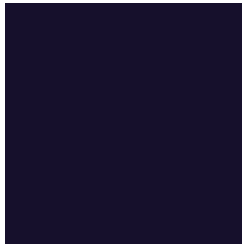
570044



D600A8

Previews

White Background



This preview shows how the Hex color 16102C looks on a white background.

Color Contrast Check

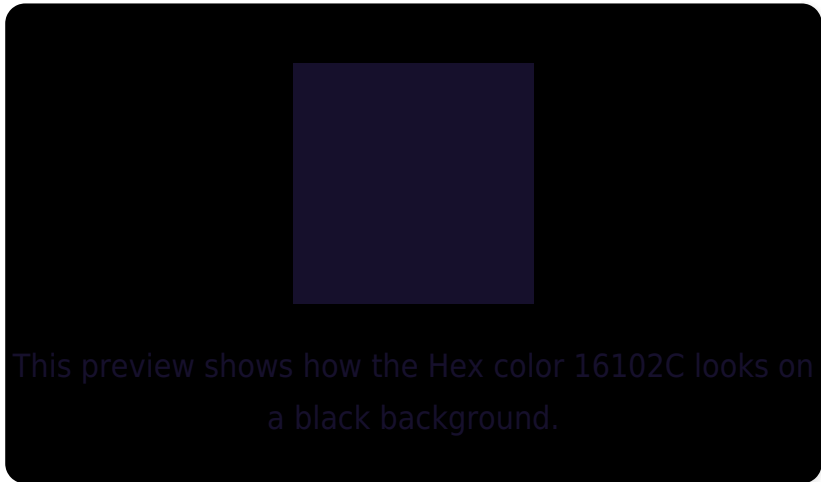
Large Text (above 18pt) WCAG AA ✓ Pass

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

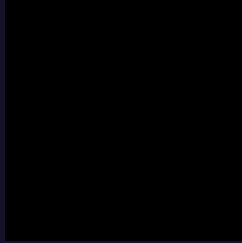
Any Text WCAG AA × Fail

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 16102C Background



This preview shows how black text looks on a background with the Hex color 16102C.



This preview shows how white text looks on a background with the Hex color 16102C.

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
16102C

Protanopia
00142B

Deuteranopia
001625



Tritanopia
101618

Trichromacy



Original Color
16102C

Protanomaly
08132B

Deuteranomaly
081428

Tritanomaly
12141F

Monochromacy



Original Color
16102C

Achromatopsia
151515

Achromatomaly
15131D

CSS Examples

Text

The CSS property to change the color of the text to Hex 16102C 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 #16102C looks like.

```
.text, #text, p{  
    color:#16102C  
}
```

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 #16102C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16102C
}
```

Border

The CSS property to change the border of an element to Hex 16102C is called "border". The border property can be set on classes, ids or directly on the HTML element.

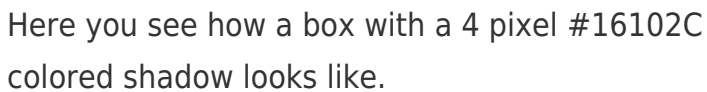
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16102C }
```

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

```
.border{ border-color:#16102C }
```

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



Here you see how a box with a 4 pixel #16102C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16102C; -webkit-box-shadow:4px 4px  
4px 4px #16102C; box-shadow:4px 4px 4px  
4px #16102C }
```

Background

The CSS property to change the background color of an element to Hex 16102C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16102C }
```

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

```
.background{ background-color:#16102C }
```

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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