

Converting Colors

Hex(102329)

Have a look what the booklet for
Hex(102329) contains.

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Color

Hex(102329)

Conversions

Conversions Part 1

Format	Color
Hex	102329
RGB	16, 35, 41
RGB Percent	6%, 14%, 16%
CMY	0.9373, 0.8627, 0.8392
CMYK	0.61, 0.15, 0.00, 0.84
HSL	194°, 44%, 11%
HSV	194°, 61%, 16%
XYZ	1.2150, 1.4723, 2.3180
YIQ	30.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

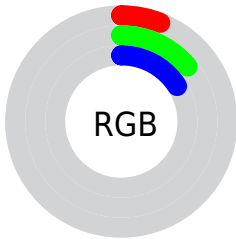
Format	Color
RYB	16, 27, 41
Decimal	1057577
CIELab	12.43, -5.64, -6.41
CIElCh	12, 8.539, 228.665
Yxy	1.4723, 0.2427, 0.2942
Android (android.graphics.Color)	4279247657 (0xFF102329)
YUV	30.0030, 5.4215, -12.2806
Hunter-Lab	12.1339, -3.3613, -2.8326

Details

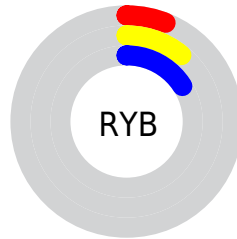
The Hex color **102329** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **291610**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3C4F56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C2229**, and if you desaturate by 10%, it is **142429**.

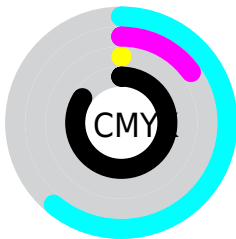
Distribution



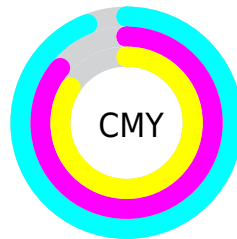
- Red (6%)
- Green (14%)
- Blue (16%)



- Red (6%)
- Yellow (11%)
- Blue (16%)



- Cyan (61%)
- Magenta (15%)
- Yellow (0%)
- Black (84%)



- Cyan (94%)
- Magenta (86%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102329 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 102329 by changing the saturation by 10% instead.

■ 102329

■ 102329

■ F4FFFF

■ 000E15

■ 3C4F56

■ 000000

■ 54676E

■ 6C8088

■ 869AA2

■ A0B5BD

■ BBD1D9

■ D7EDF5

■ 102329

■ 102329

■ 0C2229

■ 142429

■ 082129

■ 182529

■ 042029

■ 1C2629

■ 001F29

■ 202729

■ 252829

■ 292929

■ 2D2A29

■ 312B29

■ 352C29

Harmonies

Analogous

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



0F2424



102329



16222C

Triad

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



102329



2B1C23



212115

Complementary

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



102329



291610

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.



271F15



102329



2C1C1D

Square

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



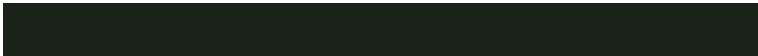
102329



261E28



2B1D18



1A2318

Rectangle

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



102329



1C202C



2B1D18



232115

Sweetspot

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



102329



2C3336



102916



161B1C



9C9C9C



1C1C1C

Same Dimension

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



102329



0E2C36



101729



121414



004054



00A1D4

Inverse Universe

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



291023



360E2C



292210



141214



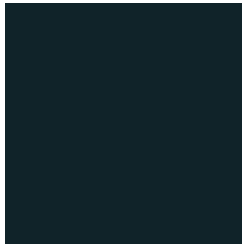
540040



D400A1

Previews

White Background



This preview shows how the Hex color 102329 looks on a white background.

Color Contrast Check

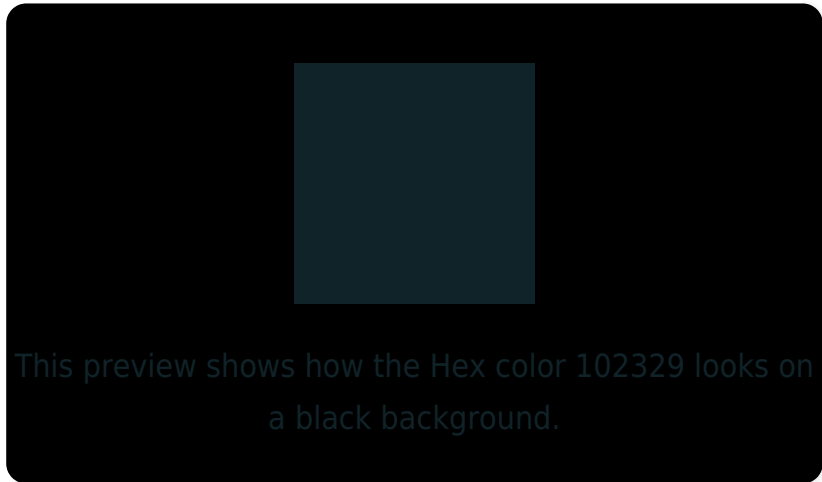
Large Text (above 18pt) WCAG AA ✓ Pass

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

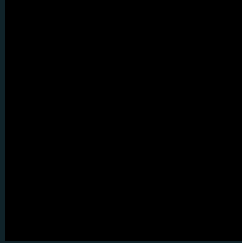
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

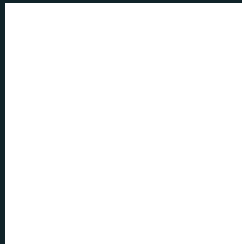
Any Text WCAG AAA × Fail

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

Hex 102329 Background



This preview shows how black text looks on a background with the Hex color 102329.



This preview shows how white text looks on a background with the Hex color 102329.

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
102329

Protanopia
1F2027

Deuteranopia
1F202A



Tritanopia
0F2326

Trichromacy



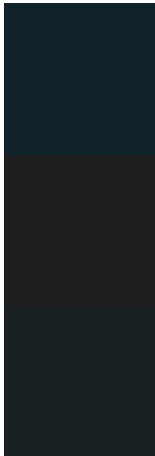
Original Color
102329

Protanomaly
1A2128

Deuteranomaly
1A212A

Tritanomaly
0F2327

Monochromacy



Original Color
102329

Achromatopsia
1E1E1E

Achromatomaly
192022

CSS Examples

Text

The CSS property to change the color of the text to Hex 102329 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 #102329 looks like.

```
.text, #text, p{  
    color:#102329  
}
```

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 #102329 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102329
}
```

Border

The CSS property to change the border of an element to Hex 102329 is called "border". The border property can be set on classes, ids or directly on the HTML element.

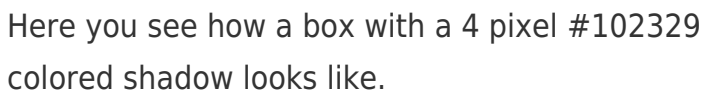
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#102329 }
```

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

```
.border{ border-color:#102329 }
```

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



Here you see how a box with a 4 pixel #102329 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102329; -webkit-box-shadow:4px 4px  
4px 4px #102329; box-shadow:4px 4px 4px  
4px #102329 }
```

Background

The CSS property to change the background color of an element to Hex 102329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102329 }
```

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

```
.background{ background-color:#102329 }
```

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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