

Converting Colors

Hex(102335)

Have a look what the booklet for
Hex(102335) contains.

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Color

Hex(102335)

Conversions

Conversions Part 1

Format	Color
Hex	102335
RGB	16, 35, 53
RGB Percent	6%, 14%, 21%
CMY	0.9373, 0.8627, 0.7922
CMYK	0.70, 0.34, 0.00, 0.79
HSL	209°, 54%, 14%
HSV	209°, 70%, 21%
XYZ	1.4573, 1.5693, 3.5942
YIQ	31.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

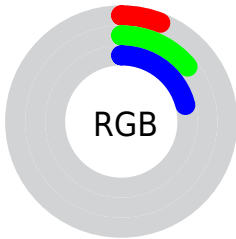
Format	Color
RYB	16, 29, 53
Decimal	1057589
CIELab	13.04, -0.96, -14.09
CIELCh	13, 14.118, 266.082
Yxy	1.5693, 0.2201, 0.2370
Android (android.graphics.Color)	4279247669 (0xFF102335)
YUV	31.3710, 10.6631, -13.4804
Hunter-Lab	12.5270, -1.1566, -8.2425

Details

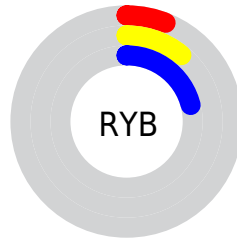
The Hex color **102335** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352210**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **3E4F64**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **0B2035**, and if you desaturate by 10%, it is **152635**.

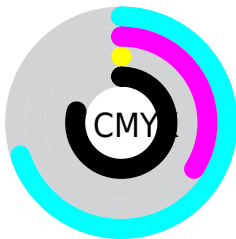
Distribution



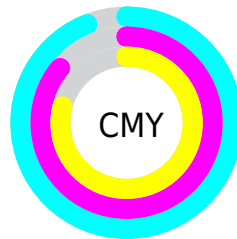
- Red (6%)
- Green (14%)
- Blue (21%)



- Red (6%)
- Yellow (11%)
- Blue (21%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (79%)



- Cyan (94%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102335 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 102335 by changing the saturation by 10% instead.

■ 102335

■ 102335

■ F7FFFF

■ 000D20

■ 3E4F64

■ 000005

■ 56677D

■ 000000

■ 6F8097

■ 899AB1

■ A3B5CD

■ BFD0E9

■ DBEDFF

■ 102335

■ 102335

■ 0B2035

■ 152635

■ 051E35

■ 1B2835

■ 001B35

■ 202B35

■ 252D35

■ 2B3035

■ 303235

■ 353535

■ 3A3835

■ 403A35

Harmonies

Analogous

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



002532



102335



212033

Triad

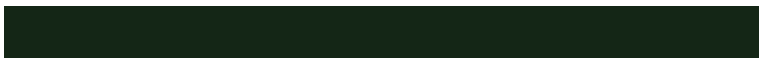
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



102335



341A1A



142616

Complementary

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



102335



352210

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.



1F240F



102335



311D11

Square

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



102335



331A23



29210D



052720

Rectangle

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



102335



291D2F



29210D



182514

Sweetspot

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



102335



363E45



103522



1B1F24



A3A3A3



242424

Same Dimension

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



102335



0B2945



101135



17181A



002E59



006FD9

Inverse Universe

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



351023



450B29



353410



1A1718



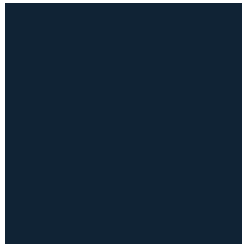
59002E



D9006F

Previews

White Background



This preview shows how the Hex color 102335 looks on a white background.

Color Contrast Check

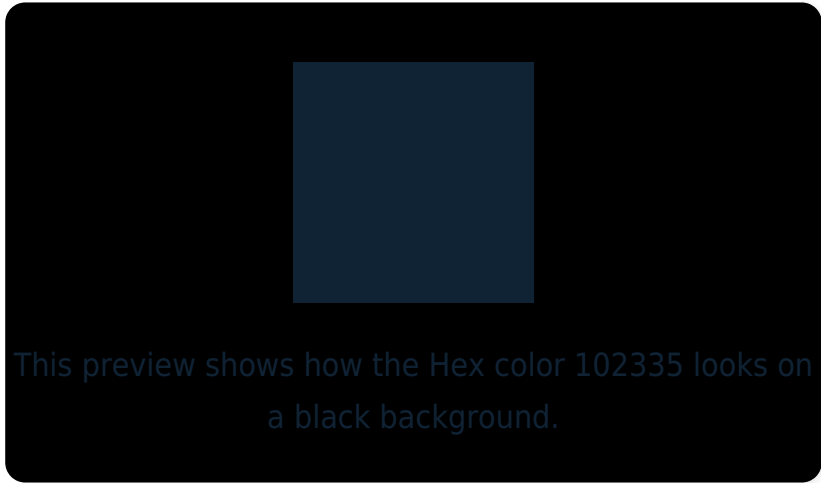
Large Text (above 18pt) WCAG AA ✓ Pass

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

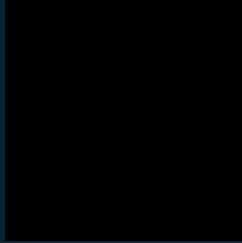
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

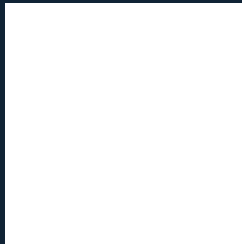
Any Text WCAG AAA × Fail

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

Hex 102335 Background



This preview shows how black text looks on a background with the Hex color 102335.



This preview shows how white text looks on a background with the Hex color 102335.

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
102335

Protanopia
1B2133

Deuteranopia
172235



Tritanopia
052529

Trichromacy



Original Color
102335

Protanomaly
172234

Deuteranomaly
142235

Tritanomaly
09242D

Monochromacy



Original Color
102335

Achromatopsia
1F1F1F

Achromatomaly
1A2027

CSS Examples

Text

The CSS property to change the color of the text to Hex 102335 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 #102335 looks like.

```
.text, #text, p{  
    color:#102335  
}
```

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 #102335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102335
}
```

Border

The CSS property to change the border of an element to Hex 102335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

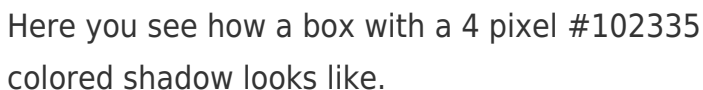
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#102335 }
```

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

```
.border{ border-color:#102335 }
```

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



Here you see how a box with a 4 pixel #102335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102335; -webkit-box-shadow:4px 4px  
4px 4px #102335; box-shadow:4px 4px 4px  
4px #102335 }
```

Background

The CSS property to change the background color of an element to Hex 102335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102335 }
```

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

```
.background{ background-color:#102335 }
```

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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