

Converting Colors

Hex(102132)

Have a look what the booklet for
Hex(102132) contains.

Hex(102132)	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(102132)

Conversions

Conversions Part 1

Format	Color
Hex	102132
RGB	16, 33, 50
RGB Percent	6%, 13%, 20%
CMY	0.9373, 0.8706, 0.8039
CMYK	0.68, 0.34, 0.00, 0.80
HSL	210°, 52%, 13%
HSV	210°, 68%, 20%
XYZ	1.3333, 1.4282, 3.2230
YIQ	29.8550, -15.5890, 1.6830

Conversions

Conversions Part 2

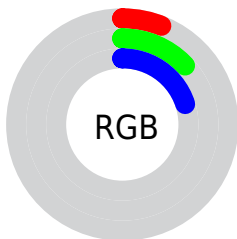
Format	Color
R_{YB}	16, 27, 50
Decimal	1057074
CIE _{Lab}	12.14, -0.72, -13.34
CIE _{LCh}	12, 13.363, 266.894
Yxy	1.4282, 0.2228, 0.2386
Android (android.graphics.Color)	4279247154 (0xFF102132)
YUV	29.8550, 9.9315, -12.1508
Hunter-Lab	11.9506, -0.9991, -7.6248

Details

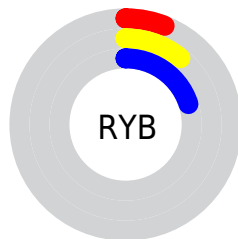
The Hex color **102132** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **322110**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3D4D60**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B1F32**, and if you desaturate by 10%, it is **152432**.

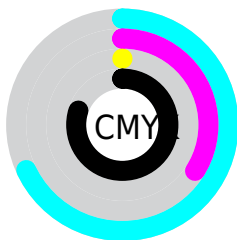
Distribution



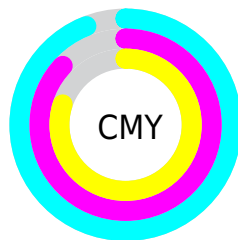
- Red (6%)
- Green (13%)
- Blue (20%)



- Red (6%)
- Yellow (11%)
- Blue (20%)



- Cyan (68%)
- Magenta (34%)
- Yellow (0%)
- Black (80%)



- Cyan (94%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102132 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 102132 by changing the saturation by 10% instead.

■ 102132

■ 102132

■ F6FFFF

■ 000A1D

■ 3D4D60

■ 000000

■ 556579

■ 6E7E93

■ 8898AE

■ A2B2C9

■ BECEE5

■ D9EAFF

■ 102132

■ 102132

■ 0B1F32

■ 152432

■ 061C32

■ 1A2632

■ 011A32

■ 1F2932

■ 001932

■ 242B32

■ 292E32

■ 2E3032

■ 333332

■ 383532

■ 3D3832

Harmonies

Analogous

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



00232F



102132



1F1E30

Triad

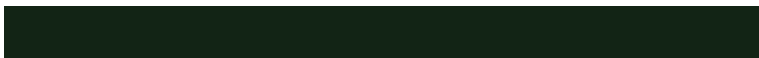
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



102132



311918



122415

Complementary

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



102132



322110

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.



1E220E



102132



2E1C10

Square

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



102132



301921



271F0B



05251E

Rectangle

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



102132



271C2C



271F0B



162313

Sweetspot

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



102132



333940



103221



191D21



A1A1A1



212121

Same Dimension

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



102132



0B2640



101032



17181A



002D59



006CD9

Inverse Universe

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



321021



400B26



323210



1A1718



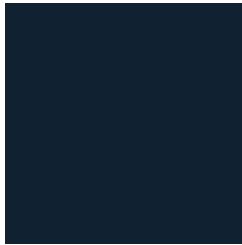
59002D



D9006C

Previews

White Background



This preview shows how the Hex color 102132 looks on a white background.

Color Contrast Check

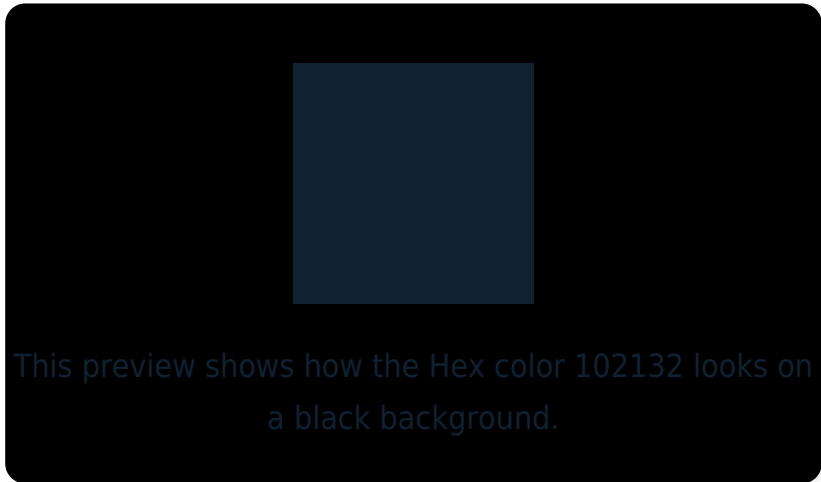
Large Text (above 18pt) WCAG AA ✓ Pass

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

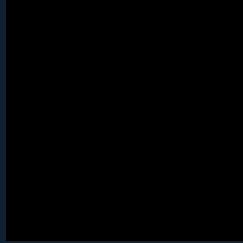
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

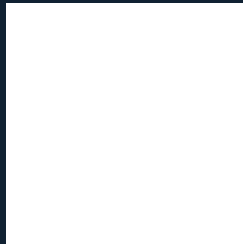
Any Text WCAG AAA × Fail

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

Hex 102132 Background



This preview shows how black text looks on a background with the Hex color 102132.



This preview shows how white text looks on a background with the Hex color 102132.

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
102132

Protanopia
1A1F31

Deuteranopia
162032



Tritanopia
082326

Trichromacy



Original Color

102132

Protanomaly

162031

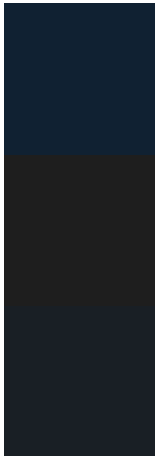
Deuteranomaly

142032

Tritanomaly

0B222A

Monochromacy



Original Color

102132

Achromatopsia

1E1E1E

Achromatomaly

191F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 102132 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 #102132 looks like.

```
.text, #text, p{  
    color:#102132  
}
```

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 #102132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102132
}
```

Border

The CSS property to change the border of an element to Hex 102132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

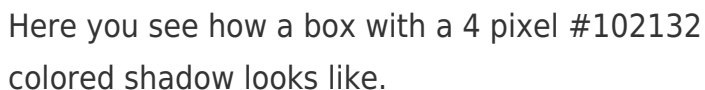
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#102132 }
```

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

```
.border{ border-color:#102132 }
```

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



Here you see how a box with a 4 pixel #102132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102132; -webkit-box-shadow:4px 4px  
4px 4px #102132; box-shadow:4px 4px 4px  
4px #102132 }
```

Background

The CSS property to change the background color of an element to Hex 102132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102132 }
```

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

```
.background{ background-color:#102132 }
```

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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