

Converting Colors

Hex(102261)

Have a look what the booklet for
Hex(102261) contains.

Hex(102261)	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(102261)

Conversions

Conversions Part 1

Format	Color
Hex	102261
RGB	16, 34, 97
RGB Percent	6%, 13%, 38%
CMY	0.9373, 0.8667, 0.6196
CMYK	0.84, 0.65, 0.00, 0.62
HSL	227°, 72%, 22%
HSV	227°, 84%, 38%
XYZ	2.9434, 2.1173, 11.5628
YIQ	35.8000, -30.9510, 15.7770

Conversions

Conversions Part 2

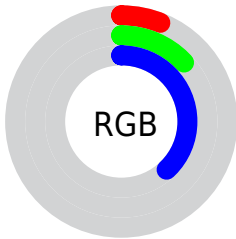
Format	Color
R_{YB}	16, 31, 97
Decimal	1057377
CIE _{Lab}	16.09, 18.69, -39.38
CIE _{LCh}	16, 43.591, 295.390
Yxy	2.1173, 0.1771, 0.1274
Android (android.graphics.Color)	4279247457 (0xFF102261)
YUV	35.8000, 30.1716, -17.3646
Hunter-Lab	14.5509, 10.6433, -36.9290

Details

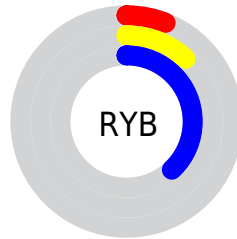
The Hex color **102261** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **614F10**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4A4E94**, and **000332** is the 20% darker color. If you saturate the color by 10%, you get **061A61**, and if you desaturate by 10%, it is **1A2A61**.

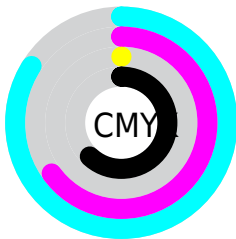
Distribution



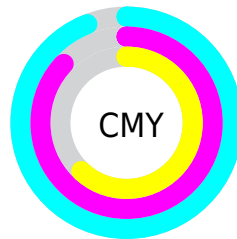
- Red (6%)
- Green (13%)
- Blue (38%)



- Red (6%)
- Yellow (12%)
- Blue (38%)



- Cyan (84%)
- Magenta (65%)
- Yellow (0%)
- Black (62%)



- Cyan (94%)
- Magenta (87%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102261 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 102261 by changing the saturation by 10% instead.

■ 102261

■ 102261

FFFFFF

■ 000E49

■ 4A4E94

■ 000332

■ 6566AF

■ 00011C

■ 807FCB

■ 000000

■ 9B99E7

■ B7B3FF

■ D3CFFF

■ F0EBFF

■ 102261

■ 102261

■ 061A61

■ 1A2A61

■ 001661

■ 233161

■ 2D3961

■ 374061

■ 414861

■ 4A4F61

■ 545761

■ 5E5E61

■ 676661

Harmonies

Analogous

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



002E67



102261



470C4C

Triad

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



102261



4D1600



003422

Complementary

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



102261



614F10

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.



003200



102261



372500

Square

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



102261



5A000F



192E00



003442

Rectangle

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



102261



560038



192E00



003417

Sweetspot

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



102261



5E657D



10614E



2D3140



BFBFBF



404040

Same Dimension

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



102261



001C7D



261061



2C2D30



001970



0035F0

Inverse Universe

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



611022



7D001C



4B6110



302C2D



700019



F00035

Previews

White Background



This preview shows how the Hex color 102261 looks on a white background.

Color Contrast Check

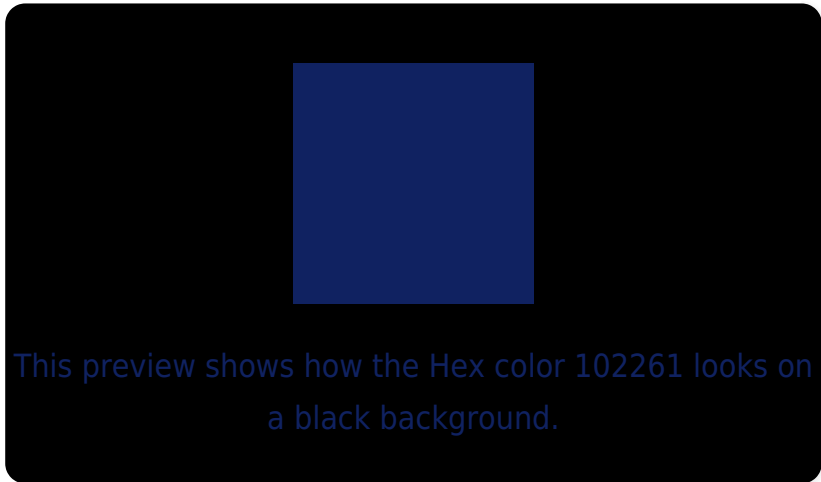
Large Text (above 18pt) WCAG AA ✓ Pass

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

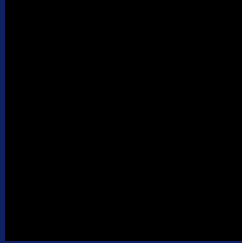
Any Text WCAG AA × Fail

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 102261 Background



This preview shows how black text looks on a background with the Hex color 102261.



This preview shows how white text looks on a background with the Hex color 102261.

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
102261

Protanopia
002753

Deuteranopia
002A47

Trichromacy



Original Color
102261

Protanomaly
062558

Deuteranomaly
062750

Tritanomaly
062942

Monochromacy



Original Color
102261

Achromatopsia
242424

Achromatomaly
1D233A

CSS Examples

Text

The CSS property to change the color of the text to Hex 102261 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 #102261 looks like.

```
.text, #text, p{  
    color:#102261  
}
```

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 #102261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102261
}
```

Border

The CSS property to change the border of an element to Hex 102261 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
#102261 }
```

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

```
.border{ border-color:#102261 }
```

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

Here you see how a box with a 4 pixel #102261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102261; -webkit-box-shadow:4px 4px  
4px 4px #102261; box-shadow:4px 4px 4px  
4px #102261 }
```

Background

The CSS property to change the background color of an element to Hex 102261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102261 }
```

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

```
.background{ background-color:#102261 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor