

Converting Colors

Hex(102942)

Have a look what the booklet for
Hex(102942) contains.

Hex(102942)	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(102942)

Conversions

Conversions Part 1

Format	Color
Hex	102942
RGB	16, 41, 66
RGB Percent	6%, 16%, 26%
CMY	0.9373, 0.8392, 0.7412
CMYK	0.76, 0.38, 0.00, 0.74
HSL	210°, 61%, 16%
HSV	210°, 76%, 26%
XYZ	1.9900, 2.0894, 5.4527
YIQ	36.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

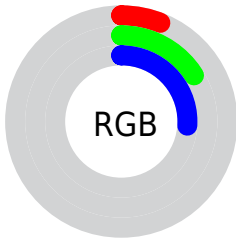
Format	Color
R _Y B	16, 33, 66
Decimal	1059138
CIE Lab	15.95, 0.09, -18.63
CIE LCh	16, 18.634, 270.291
Yxy	2.0894, 0.2088, 0.2192
Android (android.graphics.Color)	4279249218 (0xFF102942)
YUV	36.3750, 14.6051, -17.8689
Hunter-Lab	14.4547, -0.7214, -12.2473

Details

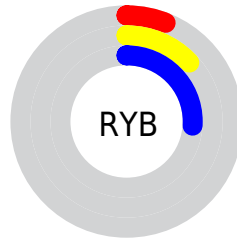
The Hex color **102942** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **422910**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **415672**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **092642**, and if you desaturate by 10%, it is **172C42**.

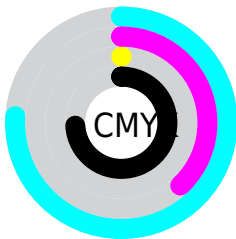
Distribution



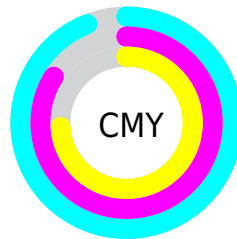
- Red (6%)
- Green (16%)
- Blue (26%)



- Red (6%)
- Yellow (13%)
- Blue (26%)



- Cyan (76%)
- Magenta (38%)
- Yellow (0%)
- Black (74%)



- Cyan (94%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102942 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 102942 by changing the saturation by 10% instead.

■ 102942

■ 102942

■ FDFFF

■ 00152C

■ 415672

■ 000117

■ 5A6E8C

■ 000000

■ 7387A6

■ 8DA2C1

■ A8BDDD

■ C4D8FA

■ EOF5FF

■ 102942

■ 102942

■ 092642

■ 172C42

■ 032242

■ 1D3042

■ 002142

■ 243342

■ 2A3642

■ 313A42

■ 383D42

■ 3E4042

■ 454342

■ 4B4742

Harmonies

Analogous

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



002C3E



102942



29243F

Triad

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



102942



401E1B



112D1A

Complementary

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



102942



422910

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.



222B10



102942



3A2211

Square

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



102942



401D28



30270B



002E27

Rectangle

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



102942



342139



30270B



172D16

Sweetspot

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



102942



434D57



104229



1F252B



ABABAB



2B2B2B

Same Dimension

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



102942



082F57



101042



1E1F21



003061



0070E0

Inverse Universe

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



421029



57082F



424210



211E1F



610030



E00070

Previews

White Background



This preview shows how the Hex color 102942 looks on a white background.

Color Contrast Check

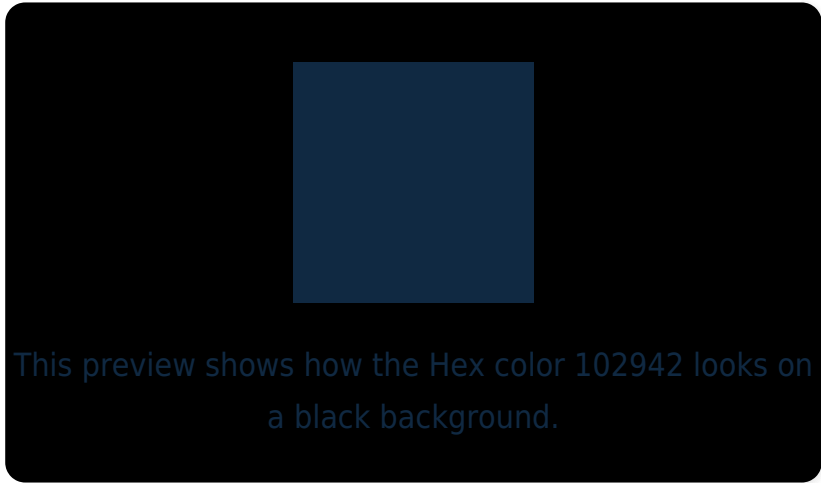
Large Text (above 18pt) WCAG AA ✓ Pass

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

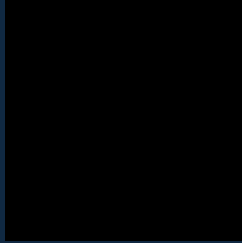
Any Text WCAG AA × Fail

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 102942 Background



This preview shows how black text looks on a background with the Hex color 102942.



This preview shows how white text looks on a background with the Hex color 102942.

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
102942

Protanopia
1E2740

Deuteranopia
162842

Trichromacy



Original Color

102942

Protanomaly

192841

Deuteranomaly

142842

Tritanomaly

062B37

Monochromacy



Original Color

102942

Achromatopsia

242424

Achromatomaly

1D262F

CSS Examples

Text

The CSS property to change the color of the text to Hex 102942 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 #102942 looks like.

```
.text, #text, p{  
    color:#102942  
}
```

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 #102942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102942
}
```

Border

The CSS property to change the border of an element to Hex 102942 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".

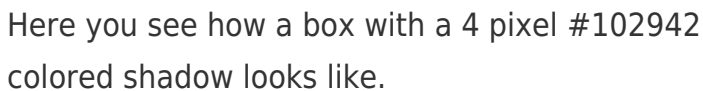
```
.border, #border, table{ border:4px solid
#102942 }
```

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

```
.border{ border-color:#102942 }
```

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

Here you see how a box with a 4 pixel #102942 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102942; -webkit-box-shadow:4px 4px  
4px 4px #102942; box-shadow:4px 4px 4px  
4px #102942 }
```

Background

The CSS property to change the background color of an element to Hex 102942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102942 }
```

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

```
.background{ background-color:#102942 }
```

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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