

Converting Colors

Hex(100C42)

Have a look what the booklet for
Hex(100C42) contains.

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Color

Hex(100C42)

Conversions

Conversions Part 1

Format	Color
Hex	100C42
RGB	16, 12, 66
RGB Percent	6%, 5%, 26%
CMY	0.9373, 0.9529, 0.7412
CMYK	0.76, 0.82, 0.00, 0.74
HSL	244°, 69%, 15%
HSV	244°, 82%, 26%
XYZ	1.3285, 0.7665, 5.2322
YIQ	19.3520, -14.9500, 17.6420

Conversions

Conversions Part 2

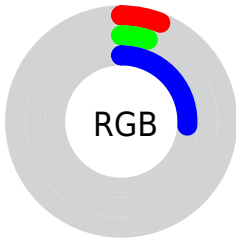
Format	Color
RYB	16, 12, 66
Decimal	1051714
CIELab	6.92, 21.64, -33.19
CIELCh	7, 39.618, 303.100
Yxy	0.7665, 0.1813, 0.1046
Android (android.graphics.Color)	4279241794 (0xFF100C42)
YUV	19.3520, 22.9975, -2.9397
Hunter-Lab	8.7547, 11.7666, -29.3058

Details

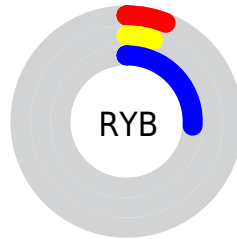
The Hex color **100C42** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3E420C**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **433673**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **0A0542**, and if you desaturate by 10%, it is **161342**.

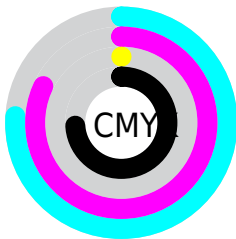
Distribution



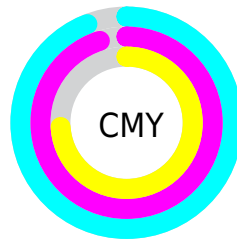
- Red (6%)
- Green (5%)
- Blue (26%)



- Red (6%)
- Yellow (5%)
- Blue (26%)



- Cyan (76%)
- Magenta (82%)
- Yellow (0%)
- Black (74%)



- Cyan (94%)
- Magenta (95%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100C42 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 100C42 by changing the saturation by 10% instead.

 100C42

 100C42

 FFEBFF

 00002B

 433673

 000116

 5C4D8D

 000000

 7665A7

 907EC3

 AB98DF

 C7B3FB

 E4CFFF

 100C42

 100C42

■ 0A0542

■ 161342

■ 050042

■ 1C1942

■ 222042

■ 282642

■ 2F2D42

■ 353442

■ 3B3A42

■ 414142

■ 474742

Harmonies

Analogous

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



00194B



100C42



34002D

Triad

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



100C42



2E0900



002017

Complementary

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



100C42



3E420C

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.



002000



100C42



1A1600

Square

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



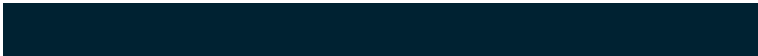
100C42



3C0000



001D00



002232

Rectangle

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



100C42



3D001D



001D00



00200C

Sweetspot

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



100C42



434157



0C3E42



1F1E2B



ABABAB



2B2B2B

Same Dimension

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



100C42



080257



2B0C42



1E1E21



070061



1100E0

Inverse Universe

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



420C3E



570250



23420C



211E21



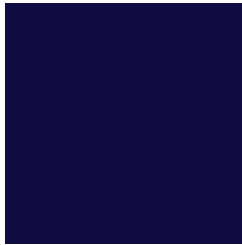
61005A



E000D0

Previews

White Background



This preview shows how the Hex color 100C42 looks on a white background.

Color Contrast Check

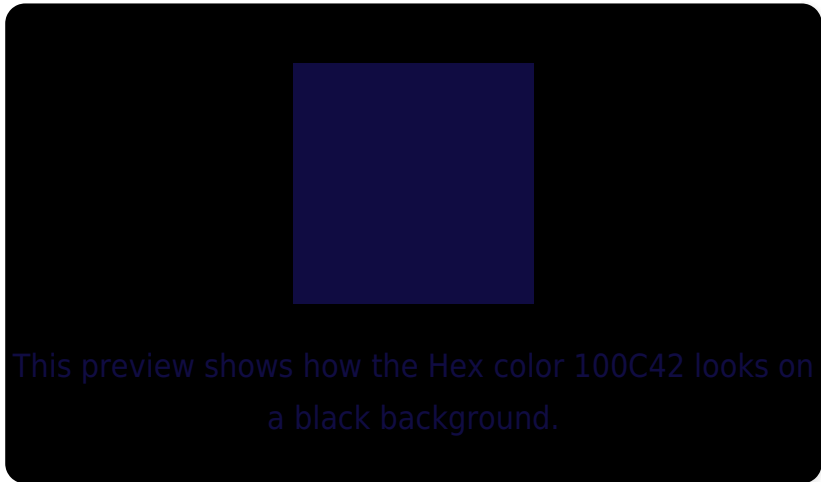
Large Text (above 18pt) WCAG AA ✓ Pass

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

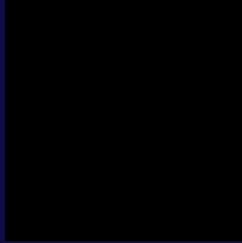
Any Text WCAG AA × Fail

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 100C42 Background



This preview shows how black text looks on a background with the Hex color 100C42.



This preview shows how white text looks on a background with the Hex color 100C42.

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
100C42

Protanopia
00162F

Deuteranopia
001828



Tritanopia
001A1B

Trichromacy



Original Color
100C42

Protanomaly
061236

Deuteranomaly
061431

Tritanomaly
061529

Monochromacy



Original Color
100C42

Achromatopsia
131313

Achromatomaly
121024

CSS Examples

Text

The CSS property to change the color of the text to Hex 100C42 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 #100C42 looks like.

```
.text, #text, p{  
    color:#100C42  
}
```

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 #100C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100C42
}
```

Border

The CSS property to change the border of an element to Hex 100C42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

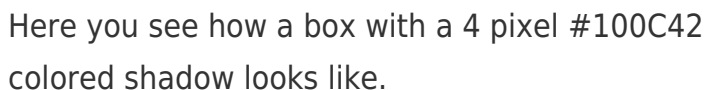
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100C42 }
```

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

```
.border{ border-color:#100C42 }
```

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



Here you see how a box with a 4 pixel #100C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100C42; -webkit-box-shadow:4px 4px  
4px 4px #100C42; box-shadow:4px 4px 4px  
4px #100C42 }
```

Background

The CSS property to change the background color of an element to Hex 100C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100C42 }
```

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

```
.background{ background-color:#100C42 }
```

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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