

Converting Colors

Hex(100400)

Have a look what the booklet for
Hex(100400) contains.

Hex(100400)	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(100400)

Conversions

Conversions Part 1

Format	Color
Hex	100400
RGB	16, 4, 0
RGB Percent	6%, 2%, 0%
CMY	0.9373, 0.9843, 1.0000
CMYK	0.00, 0.75, 1.00, 0.94
HSL	15°, 100%, 3%
HSV	15°, 100%, 6%
XYZ	0.2571, 0.1970, 0.0245
YIQ	7.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

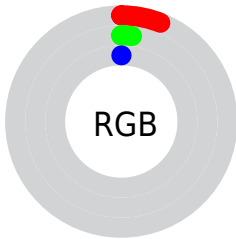
Format	Color
R_{YB}	16, 5, 0
Decimal	1049600
CIE Lab	1.78, 2.86, 2.72
CIE LCh	2, 3.947, 43.520
Yxy	0.1970, 0.5372, 0.4116
Android (android.graphics.Color)	4279239680 (0xFF100400)
YUV	7.1320, -3.5161, 7.7772
Hunter-Lab	4.4384, 2.5728, 2.7799

Details

The Hex color **100400** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000C10**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **3A3330**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **100400**, and if you desaturate by 10%, it is **100502**.

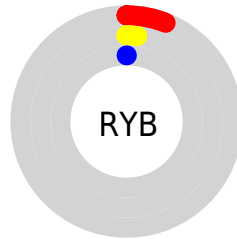
Distribution



Red (6%)

Green (2%)

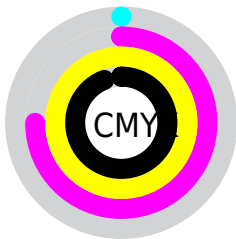
Blue (0%)



Red (6%)

Yellow (2%)

Blue (0%)

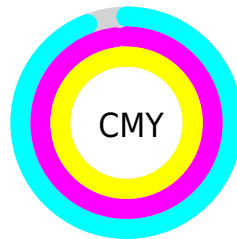


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (94%)



Cyan (94%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100400 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 100400 by changing the saturation by 10% instead.

 100400

 100400

 EFE5E2

 000000

 3A3330

 514947

 69615E

 837A77

 9D9391

 B7AEAB

 D3C9C6

 100400

■ 100502

■ 100603

■ 100805

■ 100906

■ 100A08

■ 100B0A

■ 100C0B

■ 100E0D

■ 100F0E

Harmonies

Analogous

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



100304



100400



0D0500

Triad

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



100400



000904



04060F

Complementary

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



100400



000C10

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.



00080F



100400



000A09

Square

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



100400



030800



00090D



0A050D

Rectangle

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



100400



090600



00090D



03070F

Sweetspot

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



100400



14100E



10000C



0A0707



8A8A8A



0A0A0A

Same Dimension

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



100400



140500



100C00



080707



471200



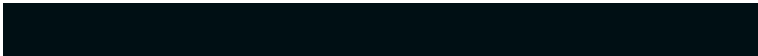
C73200

Inverse Universe

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



000C10



000F14



000410



070708



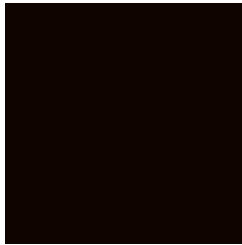
003647



0095C7

Previews

White Background



This preview shows how the Hex color 100400 looks on a white background.

Color Contrast Check

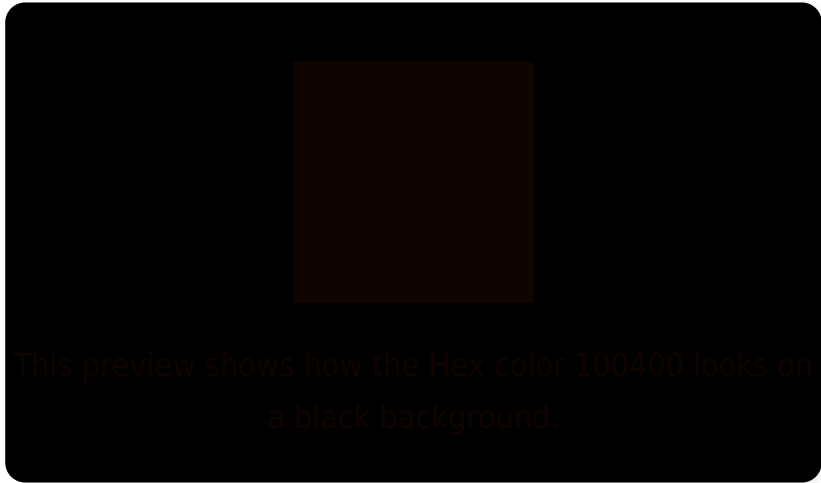
Large Text (above 18pt) WCAG AA ✓ Pass

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

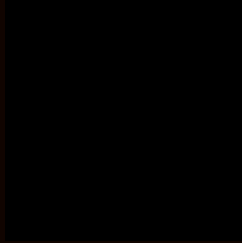
Any Text WCAG AA × Fail

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 100400 Background



This preview shows how black text looks on a background with the Hex color 100400.



This preview shows how white text looks on a background with the Hex color 100400.

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
100400

Protanopia
0A0902

Deuteranopia
0B0800



Tritanopia
100404

Trichromacy



Original Color

100400

Protanomaly

0C0701

Deuteranomaly

0D0700

Tritanomaly

100403

Monochromacy



Original Color

100400

Achromatopsia

070707

Achromatomaly

0A0604

CSS Examples

Text

The CSS property to change the color of the text to Hex 100400 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 #100400 looks like.

```
.text, #text, p{  
    color:#100400  
}
```

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 #100400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100400
}
```

Border

The CSS property to change the border of an element to Hex 100400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

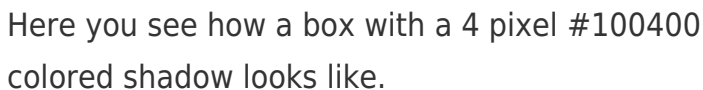
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100400 }
```

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

```
.border{ border-color:#100400 }
```

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



Here you see how a box with a 4 pixel #100400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100400; -webkit-box-shadow:4px 4px  
4px 4px #100400; box-shadow:4px 4px 4px  
4px #100400 }
```

Background

The CSS property to change the background color of an element to Hex 100400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100400 }
```

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

```
.background{ background-color:#100400 }
```

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