

Converting Colors

Hex(100308)

Have a look what the booklet for
Hex(100308) contains.

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Color

Hex(100308)

Conversions

Conversions Part 1

Format	Color
Hex	100308
RGB	16, 3, 8
RGB Percent	6%, 1%, 3%
CMY	0.9373, 0.9882, 0.9686
CMYK	0.00, 0.81, 0.50, 0.94
HSL	337°, 68%, 4%
HSV	337°, 81%, 6%
XYZ	0.2901, 0.1928, 0.2517
YIQ	7.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

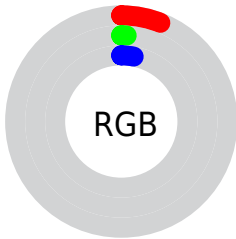
Format	Color
RYB	16, 3, 8
Decimal	1049352
CIELab	1.74, 4.38, -0.60
CIELCh	2, 4.416, 352.235
Yxy	0.1928, 0.3949, 0.2625
Android (android.graphics.Color)	4279239432 (0xFF100308)
YUV	7.4570, 0.2677, 7.4922
Hunter-Lab	4.3911, 4.1074, -0.3242

Details

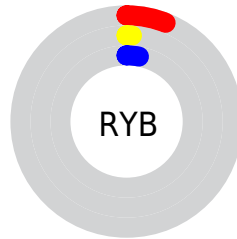
The Hex color **100308** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **03100B**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **3A3235**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **100107**, and if you desaturate by 10%, it is **100509**.

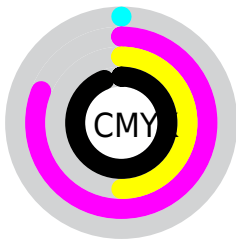
Distribution



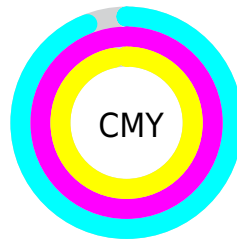
- Red (6%)
- Green (1%)
- Blue (3%)



- Red (6%)
- Yellow (1%)
- Blue (3%)



- Cyan (0%)
- Magenta (81%)
- Yellow (50%)
- Black (94%)



- Cyan (94%)
- Magenta (99%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100308 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 100308 by changing the saturation by 10% instead.

■ 100308

■ 100308

■ F0E5E9

■ 000000

■ 3A3235

■ 51484C

■ 696064

■ 83797C

■ 9D9396

■ B8ADB1

■ D3C9CC

■ 100308

■ 100308

■ 100107

■ 100509

■ 100006

■ 10060A

■ 10080B

■ 10090C

■ 100B0D

■ 100D0E

■ 100E0F

■ 101010

■ 101111

Harmonies

Analogous

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



0C040D



100308



110302

Triad

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



100308



050700



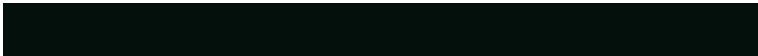
00090E

Complementary

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



100308



03100B

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.



000A0A



100308



000900

Square

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



100308



0B0600



000A05



000710

Rectangle

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



100308



110400



000A05



00090D

Sweetspot

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



100308



141011



0B0310



0A0708



8A8A8A



0A0A0A

Same Dimension

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



100308



140008



100403



080707



47001B



C7004D

Inverse Universe

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



100308



140008



030F10



080707



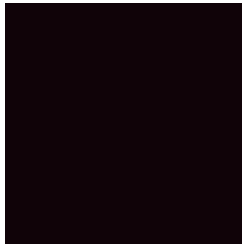
47001B



C7004D

Previews

White Background



This preview shows how the Hex color 100308 looks on a white background.

Color Contrast Check

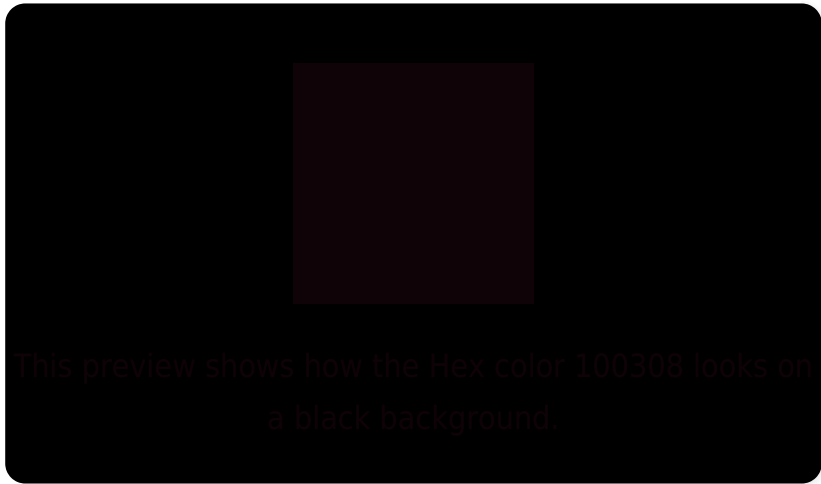
Large Text (above 18pt) WCAG AA ✓ Pass

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

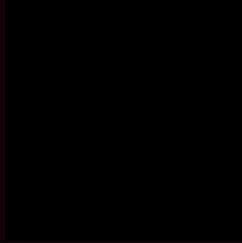
Any Text WCAG AA × Fail

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 100308 Background



This preview shows how black text looks on a background with the Hex color 100308.



This preview shows how white text looks on a background with the Hex color 100308.

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
100308

Protanopia
08090B

Deuteranopia
0A0807



Tritanopia
100404

Trichromacy



Original Color

100308

Protanomaly

0B070A

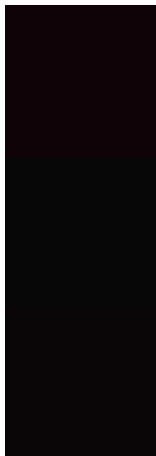
Deuteranomaly

0C0607

Tritanomaly

100405

Monochromacy



Original Color

100308

Achromatopsia

070707

Achromatomaly

0A0607

CSS Examples

Text

The CSS property to change the color of the text to Hex 100308 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 #100308 looks like.

```
.text, #text, p{  
    color:#100308  
}
```

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 #100308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100308
}
```

Border

The CSS property to change the border of an element to Hex 100308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

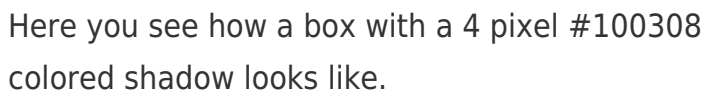
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100308 }
```

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

```
.border{ border-color:#100308 }
```

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



Here you see how a box with a 4 pixel #100308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100308; -webkit-box-shadow:4px 4px  
4px 4px #100308; box-shadow:4px 4px 4px  
4px #100308 }
```

Background

The CSS property to change the background color of an element to Hex 100308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100308 }
```

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

```
.background{ background-color:#100308 }
```

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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