

Converting Colors

Hex(100310)

Have a look what the booklet for
Hex(100310) contains.

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Color

Hex(100310)

Conversions

Conversions Part 1

Format	Color
Hex	100310
RGB	16, 3, 16
RGB Percent	6%, 1%, 6%
CMY	0.9373, 0.9882, 0.9373
CMYK	0.00, 0.81, 0.00, 0.94
HSL	300°, 68%, 4%
HSV	300°, 81%, 6%
XYZ	0.3398, 0.2127, 0.5134
YIQ	8.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

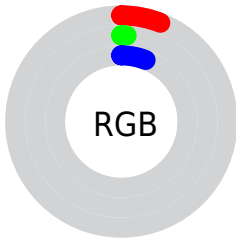
Format	Color
R_{YB}	16, 3, 16
Decimal	1049360
CIE _{Lab}	1.92, 5.64, -4.03
CIE _{LCh}	2, 6.930, 324.438
Yxy	0.2127, 0.3188, 0.1996
Android (android.graphics.Color)	4279239440 (0xFF100310)
YUV	8.3690, 3.7621, 6.6924
Hunter-Lab	4.6119, 5.0800, -3.3714

Details

The Hex color **100310** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **031003**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **3A323B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **100110**, and if you desaturate by 10%, it is **100510**.

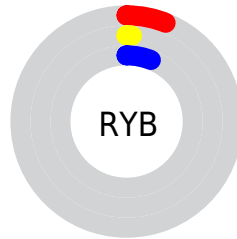
Distribution



Red (6%)

Green (1%)

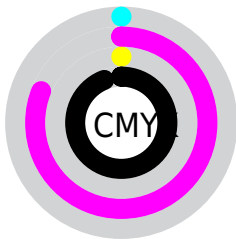
Blue (6%)



Red (6%)

Yellow (1%)

Blue (6%)

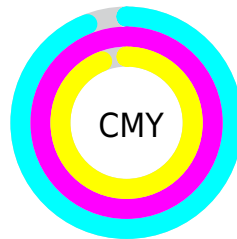


Cyan (0%)

Magenta (81%)

Yellow (0%)

Black (94%)



Cyan (94%)

Magenta (99%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100310 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 100310 by changing the saturation by 10% instead.

■ 100310

■ 100310

■ F0E5F0

■ 000000

■ 3A323B

■ 514851

■ 69606A

■ 837983

■ 9D939D

■ B8ADB8

■ D3C9D3

■ 100310

■ 100310

■ 100110

■ 100510

■ 100010

■ 100610

■ 100810

■ 100910

■ 100B10

■ 100D10

■ 100E10

■ 101010

■ 101110

Harmonies

Analogous

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



070514



100310



150209

Triad

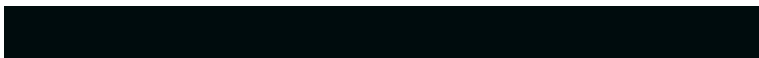
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



100310



0C0600



000C0D

Complementary

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



100310



031003

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.



000C05



100310



030900

Square

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



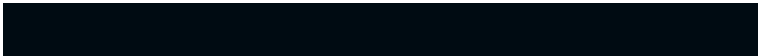
100310



130400



000B00



000B12

Rectangle

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



100310



160203



000B00



000C0B

Sweetspot

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



100310



141014



030310



0A070A



8A8A8A



0A0A0A

Same Dimension

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



100310



140014



10030A



080708



470047



C700C7

Inverse Universe

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



100310



140014



03100A



080708



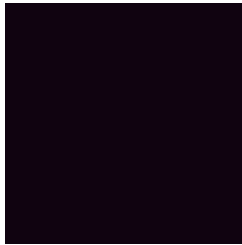
470047



C700C7

Previews

White Background



This preview shows how the Hex color 100310 looks on a white background.

Color Contrast Check

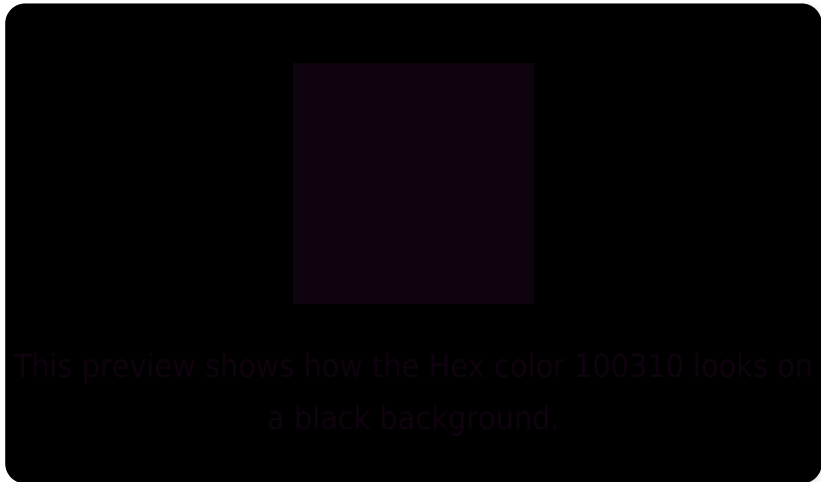
Large Text (above 18pt) WCAG AA ✓ Pass

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

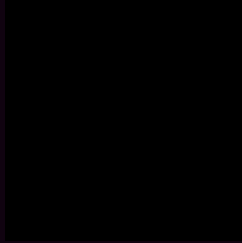
Any Text WCAG AA × Fail

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 100310 Background



This preview shows how black text looks on a background with the Hex color 100310.



This preview shows how white text looks on a background with the Hex color 100310.

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
100310

Protanopia
000913

Deuteranopia
06090F



Tritanopia
0F0707

Trichromacy



Original Color
100310

Protanomaly
060712

Deuteranomaly
0A070F

Tritanomaly
0F060A

Monochromacy



Original Color
100310

Achromatopsia
080808

Achromatomaly
0B060B

CSS Examples

Text

The CSS property to change the color of the text to Hex 100310 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 #100310 looks like.

```
.text, #text, p{  
    color:#100310  
}
```

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 #100310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100310
}
```

Border

The CSS property to change the border of an element to Hex 100310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

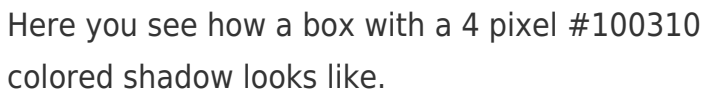
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100310 }
```

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

```
.border{ border-color:#100310 }
```

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



Here you see how a box with a 4 pixel #100310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100310; -webkit-box-shadow:4px 4px  
4px 4px #100310; box-shadow:4px 4px 4px  
4px #100310 }
```

Background

The CSS property to change the background color of an element to Hex 100310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100310 }
```

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

```
.background{ background-color:#100310 }
```

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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