

Converting Colors

Hex(100406)

Have a look what the booklet for
Hex(100406) contains.

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Color

Hex(100406)

Conversions

Conversions Part 1

Format	Color
Hex	100406
RGB	16, 4, 6
RGB Percent	6%, 2%, 2%
CMY	0.9373, 0.9843, 0.9765
CMYK	0.00, 0.75, 0.62, 0.94
HSL	350°, 60%, 4%
HSV	350°, 75%, 6%
XYZ	0.2900, 0.2101, 0.1976
YIQ	7.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

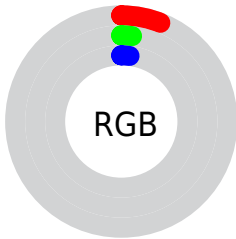
Format	Color
RYB	16, 4, 6
Decimal	1049606
CIELab	1.90, 3.70, 0.45
CIELCh	2, 3.724, 6.891
Yxy	0.2101, 0.4156, 0.3012
Android (android.graphics.Color)	4279239686 (0xFF100406)
YUV	7.8160, -0.8953, 7.1774
Hunter-Lab	4.5841, 3.2691, 0.6535

Details

The Hex color **100406** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **04100E**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **3A3334**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **100205**, and if you desaturate by 10%, it is **100607**.

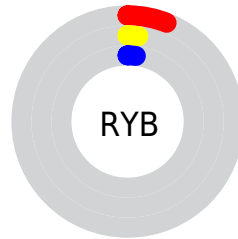
Distribution



Red (6%)

Green (2%)

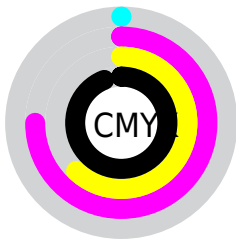
Blue (2%)



Red (6%)

Yellow (2%)

Blue (2%)

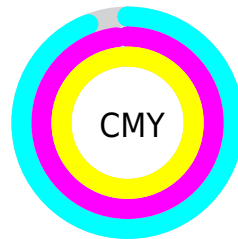


Cyan (0%)

Magenta (75%)

Yellow (62%)

Black (94%)



Cyan (94%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100406 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 100406 by changing the saturation by 10% instead.

■ 100406

■ 100406

■ F0E5E7

■ 000000

■ 3A3334

■ 51494A

■ 696162

■ 837A7B

■ 9D9395

■ B8AEAF

■ D3C9CB

■ 100406

■ 100406

■ 100205

■ 100607

■ 100103

■ 100709

■ 100003

■ 10090A

■ 100A0B

■ 100C0D

■ 100E0E

■ 100F0F

■ 101111

■ 101212

Harmonies

Analogous

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



0E040B



100406



100402

Triad

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



100406



050800



00080F

Complementary

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



100406



04100E

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.



00090C



100406



000903

Square

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



100406



0A0700



000A08



04070F

Rectangle

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



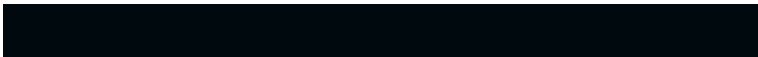
100406



0F0500



000A08



00090E

Sweetspot

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



100406



141010



0E0410



0A0708



8A8A8A



0A0A0A

Same Dimension

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



100406



140205



100804



080707



47000C



C70021

Inverse Universe

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



100406



140205



040C10



080707



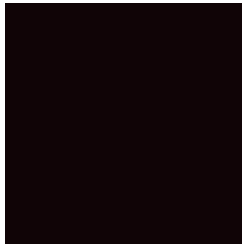
47000C



C70021

Previews

White Background



This preview shows how the Hex color 100406 looks on a white background.

Color Contrast Check

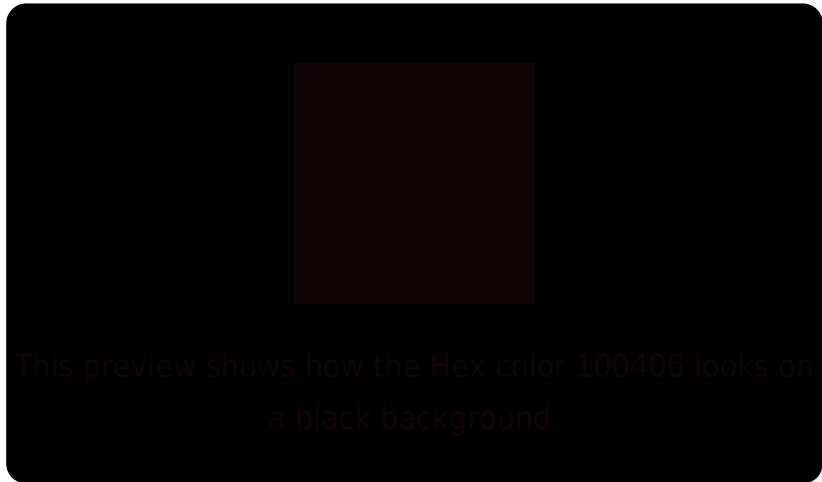
Large Text (above 18pt) WCAG AA ✓ Pass

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

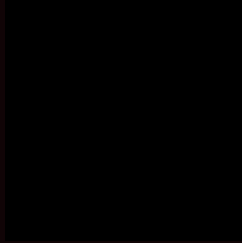
Any Text WCAG AA × Fail

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 100406 Background



This preview shows how black text looks on a background with the Hex color 100406.

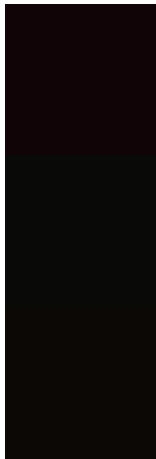


This preview shows how white text looks on a background with the Hex color 100406.

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
100406

Protanopia
090908

Deuteranopia
0B0805



Tritanopia
100404

Trichromacy



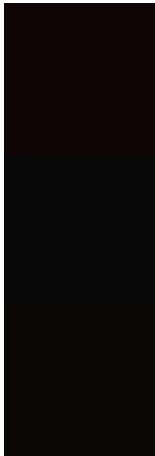
Original Color
100406

Protanomaly
0C0707

Deuteranomaly
0D0705

Tritanomaly
100405

Monochromacy



Original Color
100406

Achromatopsia
080808

Achromatomaly
0B0707

CSS Examples

Text

The CSS property to change the color of the text to Hex 100406 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 #100406 looks like.

```
.text, #text, p{  
    color:#100406  
}
```

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 #100406 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100406
}
```

Border

The CSS property to change the border of an element to Hex 100406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

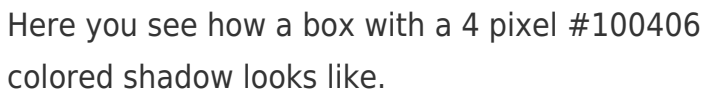
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#100406 }
```

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

```
.border{ border-color:#100406 }
```

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



Here you see how a box with a 4 pixel #100406 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100406; -webkit-box-shadow:4px 4px  
4px 4px #100406; box-shadow:4px 4px 4px  
4px #100406 }
```

Background

The CSS property to change the background color of an element to Hex 100406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100406 }
```

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

```
.background{ background-color:#100406 }
```

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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