

Converting Colors

Hex(090801)

Have a look what the booklet for
Hex(090801) contains.

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Color

Hex(090801)

Conversions

Conversions Part 1

Format	Color
Hex	090801
RGB	9, 8, 1
RGB Percent	4%, 3%, 0%
CMY	0.9647, 0.9686, 0.9961
CMYK	0.00, 0.11, 0.89, 0.96
HSL	52°, 80%, 2%
HSV	52°, 89%, 4%
XYZ	0.2050, 0.2339, 0.0631
YIQ	7.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

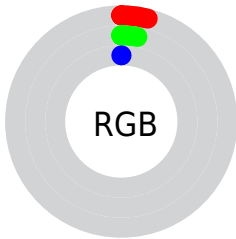
Format	Color
RYB	2, 9, 1
Decimal	591873
CIELab	2.11, -0.71, 2.74
CIELCh	2, 2.832, 104.558
Yxy	0.2339, 0.4083, 0.4660
Android (android.graphics.Color)	4278781953 (0xFF090801)
YUV	7.5010, -3.2050, 1.3146
Hunter-Lab	4.8367, -0.8997, 2.6126

Details

The Hex color **090801** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **010209**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **363531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **090800**, and if you desaturate by 10%, it is **090802**.

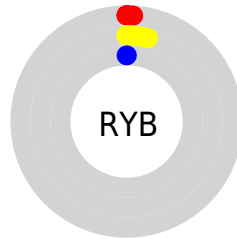
Distribution



Red (4%)

Green (3%)

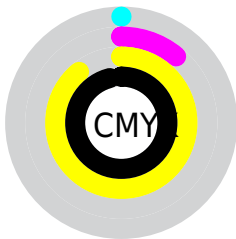
Blue (0%)



Red (1%)

Yellow (4%)

Blue (0%)

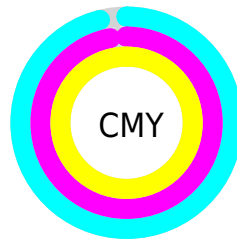


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (96%)



Cyan (96%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090801 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 090801 by changing the saturation by 10% instead.

■ 090801

■ 090801

■ E9E9E3

■ 000000

■ 363531

■ 4C4C47

■ 64645F

■ 7D7C78

■ 979691

■ B2B1AC

■ CDCCC7

■ 090801

■ 090801

■ 090800

■ 090802

■ 090803

■ 090804

■ 090805

■ 090906

■ 090907

■ 090908

■ 090909

Harmonies

Analogous

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



0D0701



090801



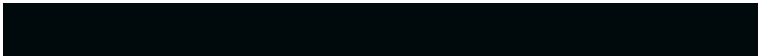
050903

Triad

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



090801



00090C



0E060A

Complementary

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



090801



010209

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.



0B060D



090801



03090E

Square

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



090801



000A09



06070E



0F0606

Rectangle

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



090801



020A05



06070E



0D060B

Sweetspot

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



090801



0D0C09



090102



080705



878787



080808

Same Dimension

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



090801



0D0B00



060901



050505



453C00



C4AC00

Inverse Universe

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



010209



00020D



040109



050505



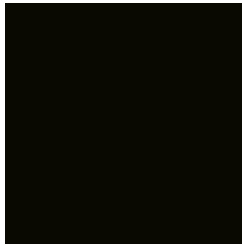
000945



0019C4

Previews

White Background



This preview shows how the Hex color 090801 looks on a white background.

Color Contrast Check

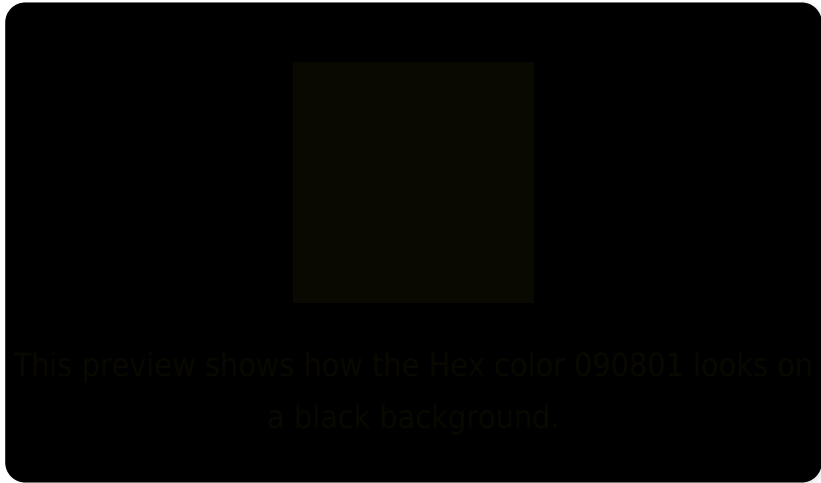
Large Text (above 18pt) WCAG AA ✓ Pass

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

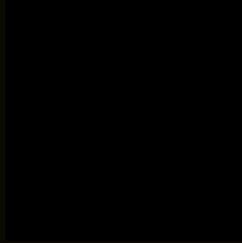
Any Text WCAG AA × Fail

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 090801 Background



This preview shows how black text looks on a background with the Hex color 090801.

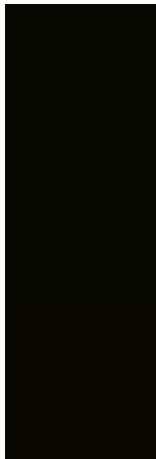


This preview shows how white text looks on a background with the Hex color 090801.

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
090801

Protanopia
090801

Deuteranopia
0A0801



Tritanopia
090708

Trichromacy



Original Color

090801

Protanomaly

090801

Deuteranomaly

0A0801

Tritanomaly

090705

Monochromacy



Original Color

090801

Achromatopsia

080808

Achromatomaly

080805

CSS Examples

Text

The CSS property to change the color of the text to Hex 090801 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 #090801 looks like.

```
.text, #text, p{  
    color:#090801  
}
```

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 #090801 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090801
}
```

Border

The CSS property to change the border of an element to Hex 090801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

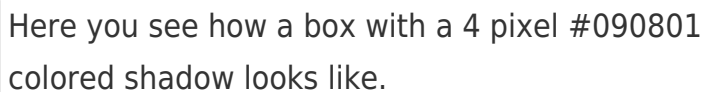
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#090801 }
```

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

```
.border{ border-color:#090801 }
```

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



Here you see how a box with a 4 pixel #090801 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090801; -webkit-box-shadow:4px 4px  
4px 4px #090801; box-shadow:4px 4px 4px  
4px #090801 }
```

Background

The CSS property to change the background color of an element to Hex 090801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090801 }
```

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

```
.background{ background-color:#090801 }
```

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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