

Converting Colors

Hex(080B09)

Have a look what the booklet for
Hex(080B09) contains.

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Color

Hex(080B09)

Conversions

Conversions Part 1

Format	Color
Hex	080B09
RGB	8, 11, 9
RGB Percent	3%, 4%, 4%
CMY	0.9686, 0.9569, 0.9647
CMYK	0.27, 0.00, 0.18, 0.96
HSL	140°, 16%, 4%
HSV	140°, 27%, 4%
XYZ	0.2691, 0.3107, 0.3042
YIQ	9.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

Format	Color
RYB	8, 10, 11
Decimal	527113
CIELab	2.81, -1.07, 0.49
CIElCh	3, 1.178, 155.571
Yxy	0.3107, 0.3044, 0.3514
Android (android.graphics.Color)	4278717193 (0xFF080B09)
YUV	9.8750, -0.4314, -1.6444
Hunter-Lab	5.5740, -1.1362, 0.6657

Details

The Hex color **080B09** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B080A**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **353736**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **070B08**, and if you desaturate by 10%, it is **090B0A**.

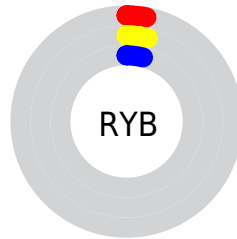
Distribution



Red (3%)

Green (4%)

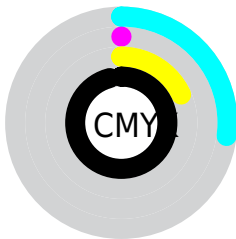
Blue (4%)



Red (3%)

Yellow (4%)

Blue (4%)

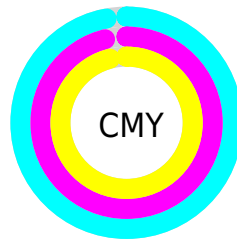


Cyan (27%)

Magenta (0%)

Yellow (18%)

Black (96%)



Cyan (97%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 080B09 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 080B09 by changing the saturation by 10% instead.

■ 080B09

■ 080B09

■ E9EBE9

■ 000000

■ 353736

■ 4C4E4C

■ 646664

■ 7C7F7D

■ 969897

■ B1B3B2

■ CCCFCD

■ 080B09

■ 080B09

■ 070B08

■ 090B0A

■ 060B08

■ 0A0B0A

■ 050B07

■ 0B0B0B

■ 040B06

■ 0C0B0C

■ 030B05

■ 0E0B0D

■ 010B05

■ 0F0B0D

■ 000B04

■ 100B0E

■ 110B0F

■ 120B10

Harmonies

Analogous

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



0A0B08



080B09



070B0A

Triad

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



080B09



090A0D



0D0909

Complementary

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



080B09



0B080A

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.



0D090A



080B09



0B0A0C

Square

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



080B09



080B0D



0C090B



0D0A08

Rectangle

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



080B09



070B0B



0C090B



0D0909

Sweetspot

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



080B09



0E0F0E



0A0B08



070807



878787



080808

Same Dimension

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



080B09



0A0F0C



080B0B



050505



004517



00C441

Inverse Universe

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



0B080A



0F0A0E



0B0809



050505



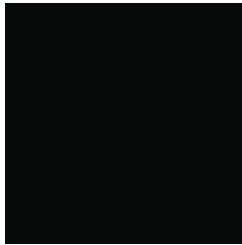
45002E



C40083

Previews

White Background



This preview shows how the Hex color 080B09 looks on a white background.

Color Contrast Check

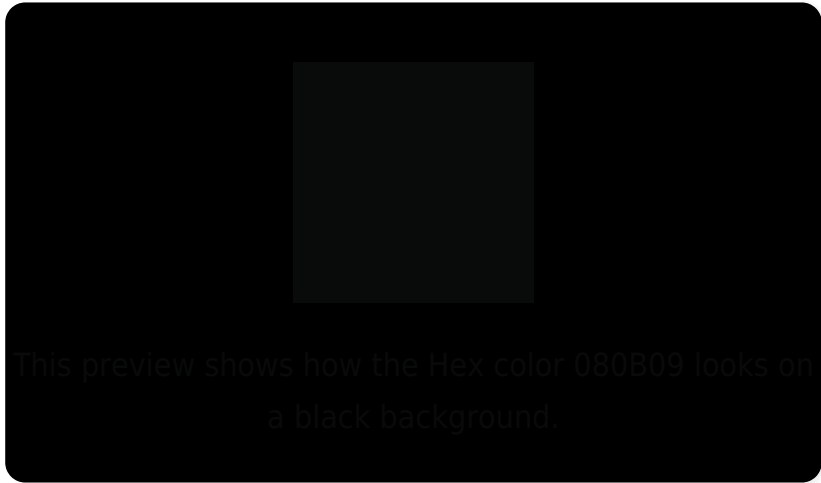
Large Text (above 18pt) WCAG AA ✓ Pass

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

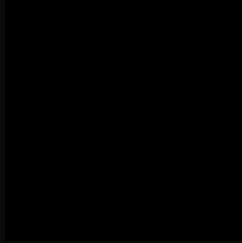
Any Text WCAG AA × Fail

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 080B09 Background



This preview shows how black text looks on a background with the Hex color 080B09.

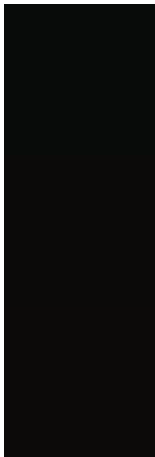


This preview shows how white text looks on a background with the Hex color 080B09.

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](#).

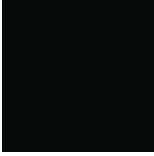
Dichromacy



Original Color
080B09

Protanopia
0B0A09

Deuteranopia
0C0A09



Tritanopia
080B0C

Trichromacy



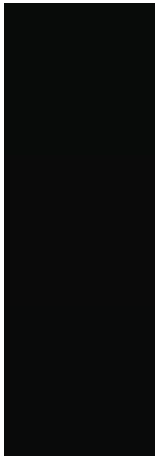
Original Color
080B09

Protanomaly
0A0A09

Deuteranomaly
0B0A09

Tritanomaly
080B0B

Monochromacy



Original Color
080B09

Achromatopsia
0A0A0A

Achromatomaly
090A0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 080B09 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 #080B09 looks like.

```
.text, #text, p{  
    color:#080B09  
}
```

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 #080B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080B09
}
```

Border

The CSS property to change the border of an element to Hex 080B09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

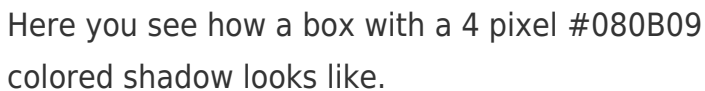
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#080B09 }
```

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

```
.border{ border-color:#080B09 }
```

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



Here you see how a box with a 4 pixel #080B09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080B09; -webkit-box-shadow:4px 4px  
4px 4px #080B09; box-shadow:4px 4px 4px  
4px #080B09 }
```

Background

The CSS property to change the background color of an element to Hex 080B09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080B09 }
```

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

```
.background{ background-color:#080B09 }
```

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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