

Converting Colors

Hex(080727)

Have a look what the booklet for
Hex(080727) contains.

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Color

Hex(080727)

Conversions

Conversions Part 1

Format	Color
Hex	080727
RGB	8, 7, 39
RGB Percent	3%, 3%, 15%
CMY	0.9686, 0.9725, 0.8471
CMYK	0.79, 0.82, 0.00, 0.85
HSL	242°, 70%, 9%
HSV	242°, 82%, 15%
XYZ	0.5423, 0.3501, 1.9584
YIQ	10.9470, -9.6760, 10.1640

Conversions

Conversions Part 2

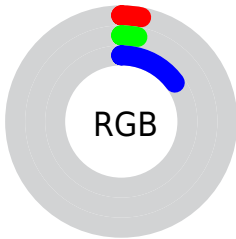
Format	Color
RYB	8, 7, 39
Decimal	526119
CIELab	3.16, 8.59, -19.36
CIELCh	3, 21.182, 293.913
Yxy	0.3501, 0.1902, 0.1228
Android (android.graphics.Color)	4278716199 (0xFF080727)
YUV	10.9470, 13.8301, -2.5845
Hunter-Lab	5.9166, 6.0075, -15.4837

Details

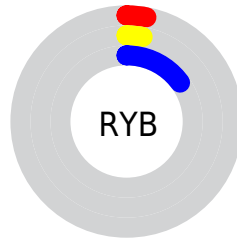
The Hex color **080727** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **262707**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **343454**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **040327**, and if you desaturate by 10%, it is **0C0B27**.

Distribution



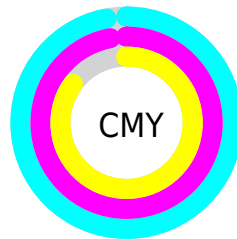
- Red (3%)
- Green (3%)
- Blue (15%)



- Red (3%)
- Yellow (3%)
- Blue (15%)



- Cyan (79%)
- Magenta (82%)
- Yellow (0%)
- Black (85%)



- Cyan (97%)
- Magenta (97%)
- Yellow (85%)
- Black (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 080727 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 080727 by changing the saturation by 10% instead.

■ 080727

■ 080727

■ EAE8FF

■ 000111

■ 343454

■ 000000

■ 4B4B6C

■ 636386

■ 7D7CA0

■ 9795BB

■ B2B0D7

■ CECBF3

■ 080727

■ 080727

■ 040327

■ 0C0B27

■ 010027

■ 100F27

■ 131327

■ 171727

■ 1B1B27

■ 1F1E27

■ 222227

■ 262627

■ 2A2A27

Harmonies

Analogous

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



000F29



080727



1D001E

Triad

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



080727



210100



001305

Complementary

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



080727



262707

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.



001300



080727



140900

Square

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



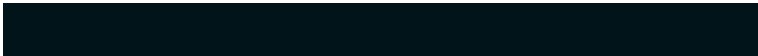
080727



270000



001000



001419

Rectangle

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



080727



240016



001000



001300

Sweetspot

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



080727



272633



072627



12121A



999999



1A1A1A

Same Dimension

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



080727



030133



180727



121214



030054



0700D4

Inverse Universe

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



270726



330131



162707



141214



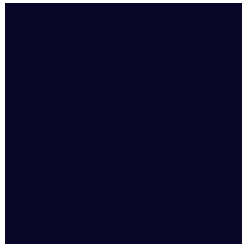
540052



D400CD

Previews

White Background



This preview shows how the Hex color 080727 looks on a white background.

Color Contrast Check

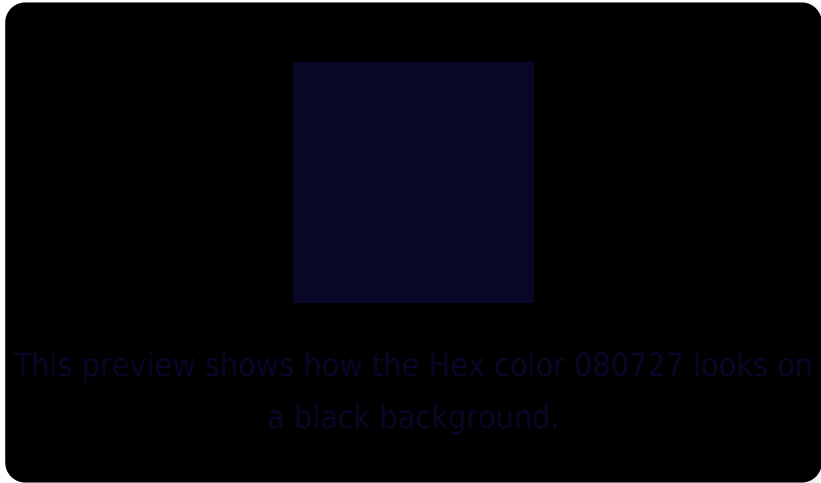
Large Text (above 18pt) WCAG AA ✓ Pass

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

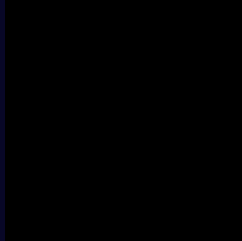
Any Text WCAG AA × Fail

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 080727 Background



This preview shows how black text looks on a background with the Hex color 080727.



This preview shows how white text looks on a background with the Hex color 080727.

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
080727

Protanopia
000D1B

Deuteranopia
000E17



Tritanopia
000F10

Trichromacy



Original Color
080727

Protanomaly
030B1F

Deuteranomaly
030B1D

Tritanomaly
030C18

Monochromacy



Original Color
080727

Achromatopsia
0B0B0B

Achromatomaly
0A0A15

CSS Examples

Text

The CSS property to change the color of the text to Hex 080727 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 #080727 looks like.

```
.text, #text, p{  
    color:#080727  
}
```

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 #080727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080727
}
```

Border

The CSS property to change the border of an element to Hex 080727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

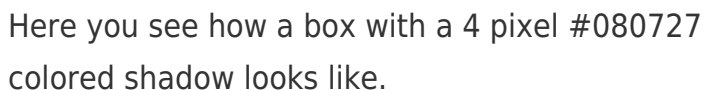
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#080727 }
```

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

```
.border{ border-color:#080727 }
```

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



Here you see how a box with a 4 pixel #080727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080727; -webkit-box-shadow:4px 4px  
4px 4px #080727; box-shadow:4px 4px 4px  
4px #080727 }
```

Background

The CSS property to change the background color of an element to Hex 080727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080727 }
```

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

```
.background{ background-color:#080727 }
```

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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