

Converting Colors

Hex(087C0B)

Have a look what the booklet for
Hex(087C0B) contains.

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Color

Hex(087C0B)

Conversions

Conversions Part 1

Format	Color
Hex	087C0B
RGB	8, 124, 11
RGB Percent	3%, 49%, 4%
CMY	0.9686, 0.5137, 0.9569
CMYK	0.94, 0.00, 0.91, 0.51
HSL	122°, 88%, 26%
HSV	122°, 94%, 49%
XYZ	7.3682, 14.4911, 2.7253
YIQ	76.4340, -32.8630, -59.7350

Conversions

Conversions Part 2

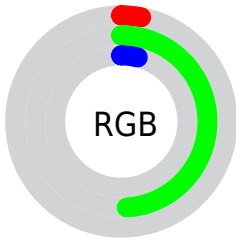
Format	Color
RYB	8, 121, 124
Decimal	556043
CIELab	44.93, -49.43, 46.55
CIELCh	45, 67.897, 136.721
Yxy	14.4911, 0.2997, 0.5894
Android (android.graphics.Color)	4278746123 (0xFF087C0B)
YUV	76.4340, -32.2590, -60.0166
Hunter-Lab	38.0672, -32.0675, 22.4023

Details

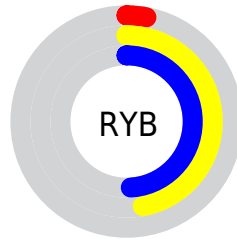
The Hex color **087C0B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7C0879**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **52B244**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **007C03**, and if you desaturate by 10%, it is **147C17**.

Distribution



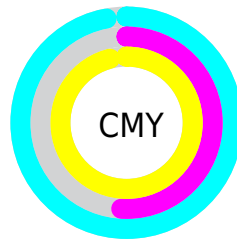
- Red (3%)
- Green (49%)
- Blue (4%)



- Red (3%)
- Yellow (47%)
- Blue (49%)



- Cyan (94%)
- Magenta (0%)
- Yellow (91%)
- Black (51%)



- Cyan (97%)
- Magenta (51%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 087C0B 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 087C0B by changing the saturation by 10% instead.

 087C0B

 087C0B

FFFFFF

 006200

 52B244

 004900

 6FCE5E

 003200

 8BEA78

 001A00

 A8FF93

 000000

 C5FFAE

 E2FFCA

 FFFFE7

 087C0B

 087C0B

■ 007C03

■ 147C17

■ 217C23

■ 2D7C2F

■ 3A7C3B

■ 467C47

■ 527C53

■ 5F7C60

■ 6B7C6C

■ 787C78

Harmonies

Analogous

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



647100



087C0B



00814E

Triad

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



087C0B



0078DA



CC224E

Complementary

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



087C0B



7C0879

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.



C12786



087C0B



0066D8

Square

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



087C0B



0081BC



924AB9



BA4215

Rectangle

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



087C0B



008376



924AB9



CC1D60

Sweetspot

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



087C0B



74A175



7A7C08



365237



D1D1D1



525252

Same Dimension

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



087C0B



00A104



087C44



373D37



007D03



00FC07

Inverse Universe

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



7C0879



A1009C



7C0840



3D373D



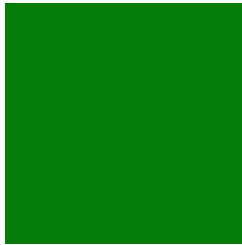
7D007A



FC00F6

Previews

White Background



This preview shows how the Hex color 087C0B looks on a white background.

Color Contrast Check

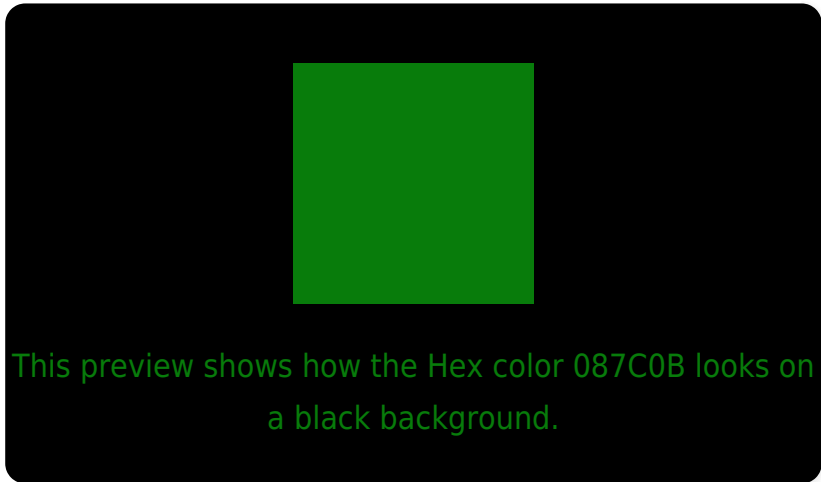
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 087C0B Background



This preview shows how black text looks on a background with the Hex color 087C0B.



This preview shows how white text looks on a background with the Hex color 087C0B.

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
087C0B

Protanopia
786A00

Deuteranopia
85651D



Tritanopia
34737D

Trichromacy



Original Color
087C0B



Protanomaly
4F7104



Deuteranomaly
586D16

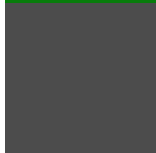


Tritanomaly
247654

Monochromacy



Original Color
087C0B



Achromatopsia
4C4C4C



Achromatomaly
335D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 087C0B 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 #087C0B looks like.

```
.text, #text, p{  
    color:#087C0B  
}
```

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 #087C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #087C0B
}
```

Border

The CSS property to change the border of an element to Hex 087C0B 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".

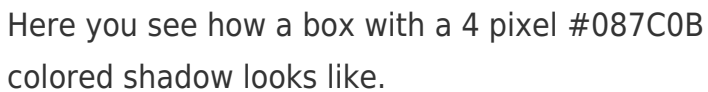
```
.border, #border, table{ border:4px solid
#087C0B }
```

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

```
.border{ border-color:#087C0B }
```

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

Here you see how a box with a 4 pixel #087C0B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #087C0B; -webkit-box-shadow:4px 4px  
4px 4px #087C0B; box-shadow:4px 4px 4px  
4px #087C0B }
```

Background

The CSS property to change the background color of an element to Hex 087C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#087C0B }
```

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

```
.background{ background-color:#087C0B }
```

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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