

Converting Colors

Hex(087E2A)

Have a look what the booklet for
Hex(087E2A) contains.

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Color

Hex(087E2A)

Conversions

Conversions Part 1

Format	Color
Hex	087E2A
RGB	8, 126, 42
RGB Percent	3%, 49%, 16%
CMY	0.9686, 0.5059, 0.8353
CMYK	0.94, 0.00, 0.67, 0.51
HSL	137°, 88%, 26%
HSV	137°, 94%, 49%
XYZ	7.9789, 15.1405, 4.6924
YIQ	81.1420, -43.3640, -51.1400

Conversions

Conversions Part 2

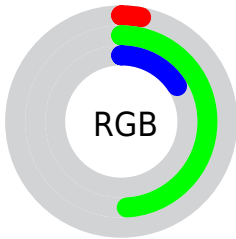
Format	Color
RYB	8, 100, 126
Decimal	556586
CIELab	45.83, -47.56, 36.48
CIELCh	46, 59.939, 142.514
Yxy	15.1405, 0.2869, 0.5444
Android (android.graphics.Color)	4278746666 (0xFF087E2A)
YUV	81.1420, -19.2970, -64.1455
Hunter-Lab	38.9108, -31.4913, 20.0876

Details

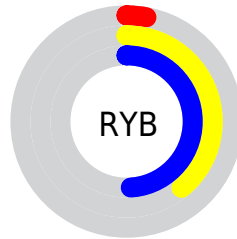
The Hex color **087E2A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7E085C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **51B45B**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **007E24**, and if you desaturate by 10%, it is **157E33**.

Distribution



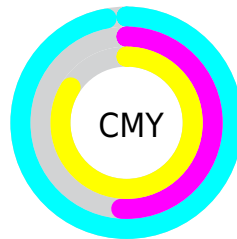
- Red (3%)
- Green (49%)
- Blue (16%)



- Red (3%)
- Yellow (39%)
- Blue (49%)



- Cyan (94%)
- Magenta (0%)
- Yellow (67%)
- Black (51%)



- Cyan (97%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 087E2A 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 087E2A by changing the saturation by 10% instead.

 087E2A

 087E2A

FFFFFF

 006410

 51B45B

 004B00

 6ED075

 003400

 8AEC8F

 001D00

 A7FFAA

 000000

 C3FFC6

 E1FFE2

FEFFFF

 087E2A

 087E2A

■ 007E24

■ 157E33

■ 217E3C

■ 2E7E45

■ 3A7E4E

■ 477E57

■ 547E60

■ 607E69

■ 6D7E72

■ 797E7B

Harmonies

Analogous

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



5F7500



087E2A



00825E

Triad

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



087E2A



0076D1



C43A49

Complementary

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



087E2A



7E085C

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.



BF367B



087E2A



4E65CA

Square

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



087E2A



0080BC



9C4CAA



B1501A

Rectangle

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



087E2A



008381



9C4CAA



C5355A

Sweetspot

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



087E2A



76A383



5D7E08



36523E



D1D1D1



525252

Same Dimension

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



087E2A



00A32F



087E64



39403B



008025



000000

Inverse Universe

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



7E085C



A30074



7E0822



40393E



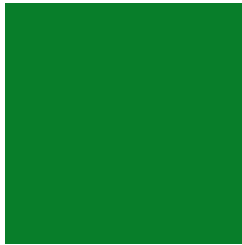
80005B



000000

Previews

White Background



This preview shows how the Hex color 087E2A looks on a white background.

Color Contrast Check

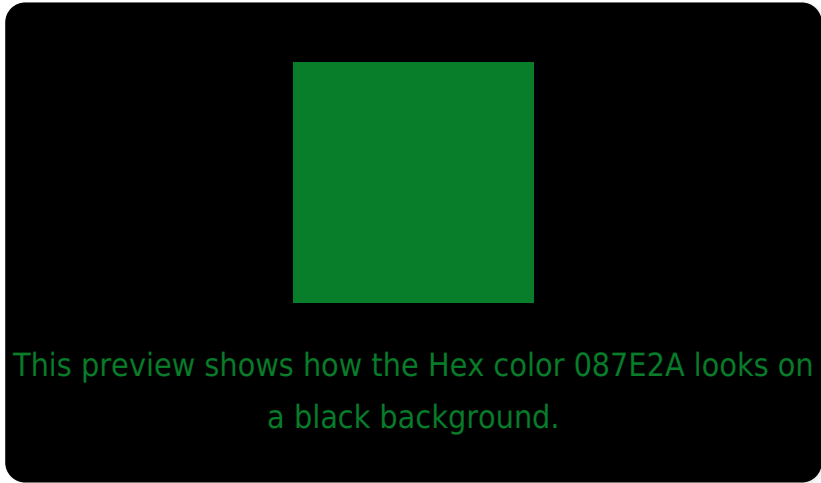
Large Text (above 18pt) WCAG AA ✓ Pass

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 087E2A Background



This preview shows how black text looks on a background with the Hex color 087E2A.



This preview shows how white text looks on a background with the Hex color 087E2A.

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
087E2A

Protanopia
796C25

Deuteranopia
866732



Tritanopia
33767F

Trichromacy



Original Color
087E2A



Protanomaly
507327



Deuteranomaly
586F2F



Tritanomaly
237960

Monochromacy



Original Color
087E2A



Achromatopsia
515151



Achromatomaly
366143

CSS Examples

Text

The CSS property to change the color of the text to Hex 087E2A 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 #087E2A looks like.

```
.text, #text, p{  
    color:#087E2A  
}
```

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 #087E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #087E2A
}
```

Border

The CSS property to change the border of an element to Hex 087E2A 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
#087E2A }
```

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

```
.border{ border-color:#087E2A }
```

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

Here you see how a box with a 4 pixel #087E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #087E2A; -webkit-box-shadow:4px 4px  
4px 4px #087E2A; box-shadow:4px 4px 4px  
4px #087E2A }
```

Background

The CSS property to change the background color of an element to Hex 087E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#087E2A }
```

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

```
.background{ background-color:#087E2A }
```

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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