

# Converting Colors

Hex(087832)

Have a look what the booklet for  
Hex(087832) contains.

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# Color

Hex(087832)

# Conversions

## Conversions Part 1

Format	Color
Hex	087832
RGB	8, 120, 50
RGB Percent	3%, 47%, 20%
CMY	0.9686, 0.5294, 0.8039
CMYK	0.93, 0.00, 0.58, 0.53
HSL	142°, 88%, 25%
HSV	142°, 93%, 47%
XYZ	7.3923, 13.7149, 5.2752
YIQ	78.5320, -44.2820, -45.5140

# Conversions

## Conversions Part 2

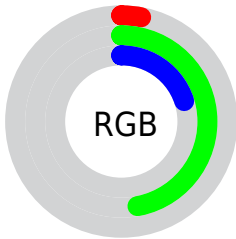
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 89, 120
Decimal	555058
CIELab	43.82, -44.42, 30.23
CIELCh	44, 53.732, 145.765
Yxy	13.7149, 0.2802, 0.5198
Android (android.graphics.Color)	4278745138 (0xFF087832)
YUV	78.5320, -14.0663, -61.8566
Hunter-Lab	37.0336, -29.1781, 17.4780

# Details

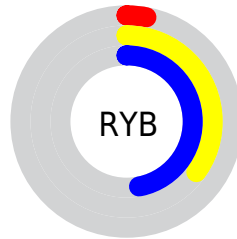
The Hex color **087832** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **78084E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4FAD62**, and **004602** is the 20% darker color. If you saturate the color by 10%, you get **00782D**, and if you desaturate by 10%, it is **14783A**.

# Distribution



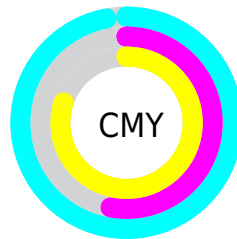
- Red (3%)
- Green (47%)
- Blue (20%)



- Red (3%)
- Yellow (35%)
- Blue (47%)



- Cyan (93%)
- Magenta (0%)
- Yellow (58%)
- Black (53%)



- Cyan (97%)
- Magenta (53%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 087832 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 087832 by changing the saturation by 10% instead.



 087832

 087832

FFFFFF

 005F1B

 4FAD62

 004602

 6BC97C

 002F00

 87E696

 001600

 A3FFB1

 000000

 C0FFCD

 DDFFE9

 FAFFFF

 087832

 087832

■ 00782D

■ 14783A

■ 207841

■ 2C7849

■ 387850

■ 447858

■ 50785F

■ 5C7866

■ 68786E

■ 747876

# Harmonies

## Analogous

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



577004



087832



007C60

# Triad

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



087832



006FC1



B53E44

# Complementary

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



087832



78084E

# 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.



B33A70



087832



595EB8

# Square

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



087832



0078B1



97499A



A3511B

# Rectangle

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



087832



007C7F



97499A



B73A52



# Sweetspot

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



087832



709C80



4F7808



344F3E



CFCFCF



4F4F4F



# Same Dimension

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



087832



009C3A



087869



373D39



007D2F



00FC5F



# Inverse Universe

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



78084E



9C0061



780817



3D373B



7D004E



FC009E



# Previews

## White Background



This preview shows how the Hex color 087832 looks on a white background.

## Color Contrast Check

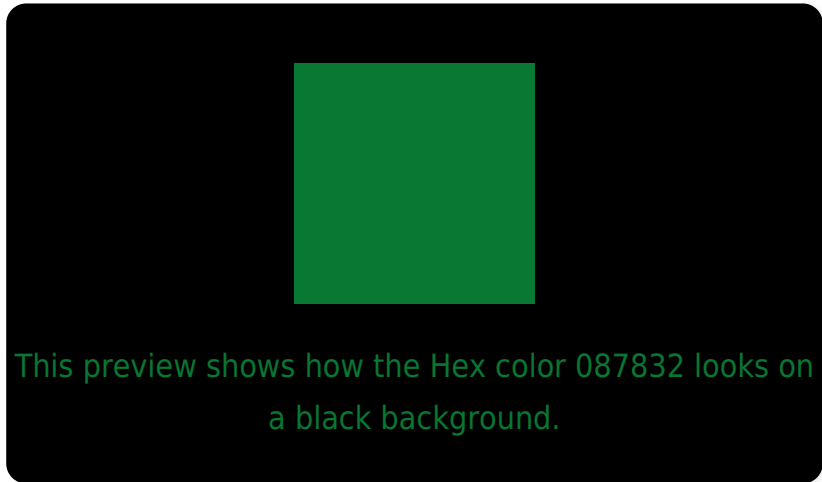
Large Text (above 18pt) WCAG AA ✓ Pass

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 087832 Background



This preview shows how black text looks on a background with the Hex color 087832.



This preview shows how white text looks on a background with the Hex color 087832.

# 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**  
087832

**Protanopia**  
73672D

**Deuteranopia**  
7E6238



**Tritanopia**  
30717A

# Trichromacy



**Original Color**  
087832



**Protanomaly**  
4C6D2F



**Deuteranomaly**  
536A36



**Tritanomaly**  
217460

# Monochromacy



**Original Color**  
087832



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
355E44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 087832 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 #087832 looks like.

```
.text, #text, p{  
    color:#087832  
}
```

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 #087832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #087832
}
```

## Border

The CSS property to change the border of an element to Hex 087832 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
#087832 }
```

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

```
.border{ border-color:#087832 }
```

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

Here you see how a box with a 4 pixel #087832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #087832; -webkit-box-shadow:4px 4px  
4px 4px #087832; box-shadow:4px 4px 4px  
4px #087832 }
```

# Background

The CSS property to change the background color of an element to Hex 087832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#087832 }
```

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

```
.background{ background-color:#087832 }
```

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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