

# Converting Colors

Hex(088357)

Have a look what the booklet for  
Hex(088357) contains.

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**Color**

**Hex(088357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	088357
RGB	8, 131, 87
RGB Percent	3%, 51%, 34%
CMY	0.9686, 0.4863, 0.6588
CMYK	0.94, 0.00, 0.34, 0.49
HSL	159°, 88%, 27%
HSV	159°, 94%, 51%
XYZ	9.9367, 16.9723, 11.7691
YIQ	89.2070, -59.1840, -39.7600

# Conversions

## Conversions Part 2

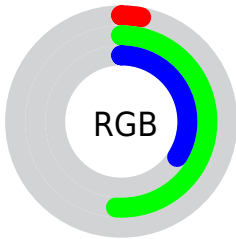
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 83, 131
Decimal	557911
CIELab	48.23, -41.29, 15.46
CIELCh	48, 44.089, 159.469
Yxy	16.9723, 0.2569, 0.4388
Android (android.graphics.Color)	4278747991 (0xFF088357)
YUV	89.2070, -1.0881, -71.2185
Hunter-Lab	41.1975, -29.0419, 11.9006

# Details

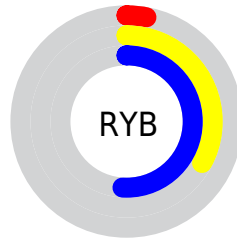
The Hex color **088357** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **830834**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52B989**, and **005029** is the 20% darker color. If you saturate the color by 10%, you get **008354**, and if you desaturate by 10%, it is **15835C**.

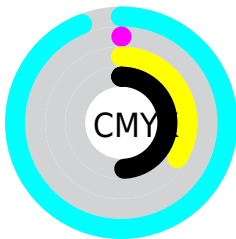
# Distribution



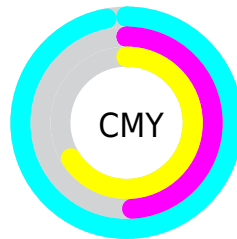
- Red (3%)
- Green (51%)
- Blue (34%)



- Red (3%)
- Yellow (33%)
- Blue (51%)



- Cyan (94%)
- Magenta (0%)
- Yellow (34%)
- Black (49%)



- Cyan (97%)
- Magenta (49%)
- Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 088357 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 088357 by changing the saturation by 10% instead.



 088357

 088357

FFFFFF

 006940

 52B989

 005029

 6ED5A3

 003814

 8BF2BF

 002300


 A7FFDA

 000000

 C4FFF7

 E1FFFF

 088357

 088357

 008354

 15835C

 228360

 2F8365

 3C836A

 49836E

 578373

 648378

 71837C

 7E8381

# Harmonies

## Analogous

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



547E36



088357



00857E

# Triad

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



088357



4273BC



B15945

# Complementary

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



088357



830834

# 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.



B75168



088357



8464AC

# Square

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



088357



007DB8



A9568D



9C672B

# Rectangle

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



088357



008496



A9568D



B55550



# Sweetspot

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



088357



7BAB9A



358308



39574C



D6D6D6



575757



# Same Dimension

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



088357



00AB6E



087383



3C4240



008254



000302



# Inverse Universe

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



830834



AB003D



831808



423C3E



82002F



030001



# Previews

## White Background



This preview shows how the Hex color 088357 looks on a white background.

## Color Contrast Check

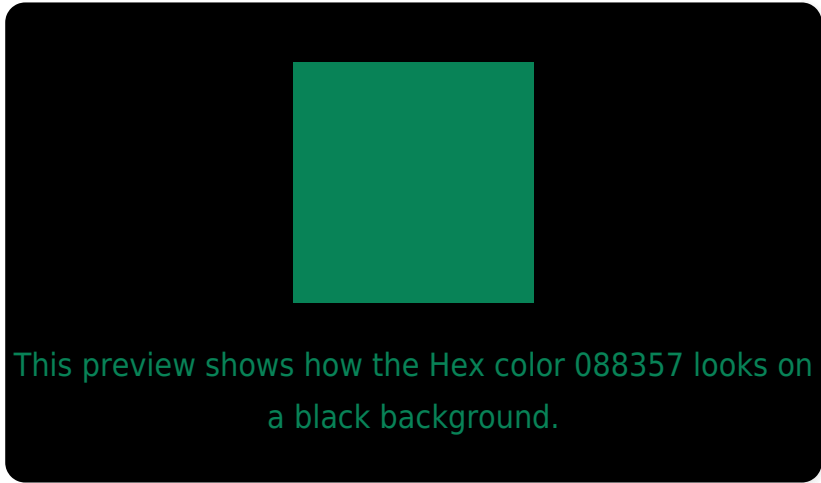
Large Text (above 18pt) WCAG AA ✓ Pass

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

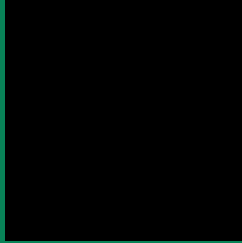
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 088357 Background



This preview shows how black text looks on a background with the Hex color 088357.

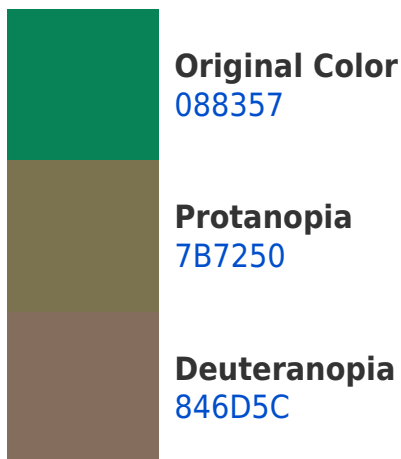



This preview shows how white text looks on a background with the Hex color 088357.

# 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





**Tritanopia**  
2E7D87

# Trichromacy



**Original Color**  
088357



**Protanomaly**  
517853



**Deuteranomaly**  
57755A



**Tritanomaly**  
207F76

# Monochromacy



**Original Color**  
088357



**Achromatopsia**  
595959



**Achromatomaly**  
3C6858

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 088357 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 #088357 looks like.

```
.text, #text, p{  
    color:#088357  
}
```

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 #088357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #088357
}
```

## Border

The CSS property to change the border of an element to Hex 088357 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
#088357 }
```

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

```
.border{ border-color:#088357 }
```

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

Here you see how a box with a 4 pixel #088357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #088357; -webkit-box-shadow:4px 4px  
4px 4px #088357; box-shadow:4px 4px 4px  
4px #088357 }
```

# Background

The CSS property to change the background color of an element to Hex 088357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#088357 }
```

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

```
.background{ background-color:#088357 }
```

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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