

Converting Colors

Hex(088300)

Have a look what the booklet for
Hex(088300) contains.

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Color

Hex(088300)

Conversions

Conversions Part 1

Format	Color
Hex	088300
RGB	8, 131, 0
RGB Percent	3%, 51%, 0%
CMY	0.9686, 0.4863, 1.0000
CMYK	0.94, 0.00, 1.00, 0.49
HSL	116°, 100%, 26%
HSV	116°, 100%, 51%
XYZ	8.2164, 16.2842, 2.7101
YIQ	79.2890, -31.2570, -66.8170

Conversions

Conversions Part 2

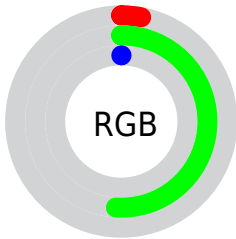
Format	Color
RYB	0, 131, 123
Decimal	557824
CIELab	47.35, -51.96, 50.82
CIELCh	47, 72.681, 135.634
Yxy	16.2842, 0.3020, 0.5984
Android (android.graphics.Color)	4278747904 (0xFF088300)
YUV	79.2890, -39.0895, -62.5205
Hunter-Lab	40.3537, -34.2745, 24.2657

Details

The Hex color **088300** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7B0083**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **55B940**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **088300**, and if you desaturate by 10%, it is **14830D**.

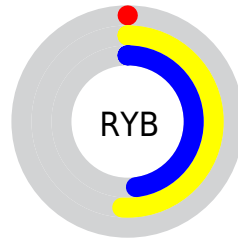
Distribution



Red (3%)

Green (51%)

Blue (0%)



Red (0%)

Yellow (51%)

Blue (48%)

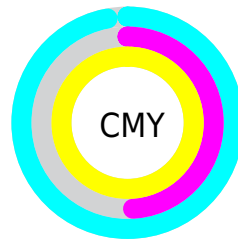


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (97%)

Magenta (49%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 088300 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 088300 by changing the saturation by 10% instead.

 088300

 088300

FFFFFF

 006900

 55B940

 005000

 72D55B

 003800

 8FF275

 002100

 ACFF90

 000000

 C9FFAC

 E7FFC8

 FFFF E5

 088300

 14830D

 21831A

 2D8327

 398334

 468342

 52834F

 5E835C

 6A8369

 778376

Harmonies

Analogous

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



6B7700



088300



008950

Triad

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



088300



0080E8



D91D53

Complementary

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



088300



7B0083

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.



CD2590



088300



006DE8

Square

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



088300



0089C7



994EC7



C74316

Rectangle

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



088300



008A7B



994EC7



D91668

Sweetspot

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



088300



7BAB78



837A00



395737



D6D6D6



575757

Same Dimension

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



088300



0AAB00



008339



3C423C



088200



000300

Inverse Universe

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



7B0083



A000AB



83004A



423C42



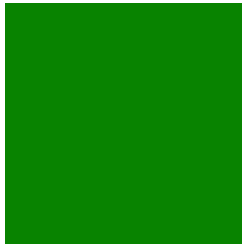
7A0082



020003

Previews

White Background



This preview shows how the Hex color 088300 looks on a white background.

Color Contrast Check

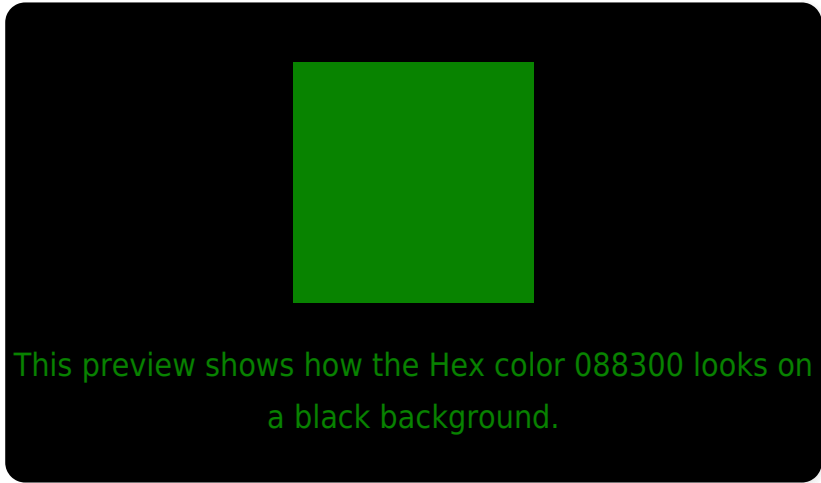
Large Text (above 18pt) WCAG AA ✓ Pass

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

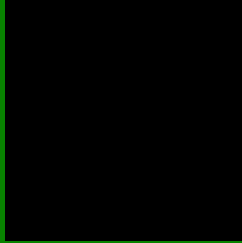
Any Text WCAG AA × Fail

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 088300 Background



This preview shows how black text looks on a background with the Hex color 088300.



This preview shows how white text looks on a background with the Hex color 088300.

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
088300

Protanopia
7E7000

Deuteranopia
8D6A1C



Tritanopia
377A84

Trichromacy



Original Color
088300



Protanomaly
537700



Deuteranomaly
5D7312



Tritanomaly
267D54

Monochromacy



Original Color
088300



Achromatopsia
4F4F4F



Achromatomaly
356232

CSS Examples

Text

The CSS property to change the color of the text to Hex 088300 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 #088300 looks like.

```
.text, #text, p{  
    color:#088300  
}
```

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 #088300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #088300
}
```

Border

The CSS property to change the border of an element to Hex 088300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

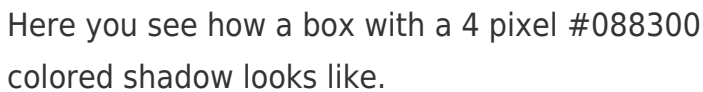
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#088300 }
```

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

```
.border{ border-color:#088300 }
```

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



Here you see how a box with a 4 pixel #088300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #088300; -webkit-box-shadow:4px 4px  
4px 4px #088300; box-shadow:4px 4px 4px  
4px #088300 }
```

Background

The CSS property to change the background color of an element to Hex 088300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#088300 }
```

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

```
.background{ background-color:#088300 }
```

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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