

# Converting Colors

Hex(088044)

Have a look what the booklet for  
Hex(088044) contains.

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**Color**

**Hex(088044)**

# Conversions

## Conversions Part 1

Format	Color
Hex	088044
RGB	8, 128, 68
RGB Percent	3%, 50%, 27%
CMY	0.9686, 0.4980, 0.7333
CMYK	0.94, 0.00, 0.47, 0.50
HSL	150°, 88%, 27%
HSV	150°, 94%, 50%
XYZ	8.8627, 15.9073, 8.0721
YIQ	85.2800, -52.2600, -44.1000

# Conversions

## Conversions Part 2

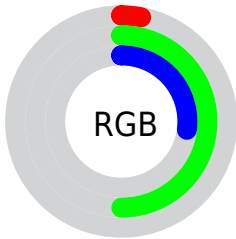
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 88, 128
Decimal	557124
CIELab	46.85, -44.18, 24.35
CIELCh	47, 50.449, 151.143
Yxy	15.9073, 0.2699, 0.4844
Android (android.graphics.Color)	4278747204 (0xFF088044)
YUV	85.2800, -8.5190, -67.7746
Hunter-Lab	39.8840, -30.1321, 15.9190

# Details

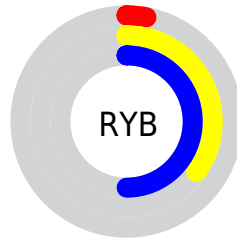
The Hex color **088044** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **800844**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **51B675**, and **004D17** is the 20% darker color. If you saturate the color by 10%, you get **008040**, and if you desaturate by 10%, it is **15804A**.

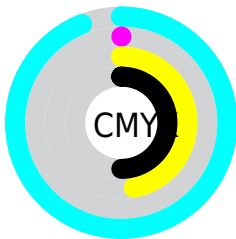
# Distribution



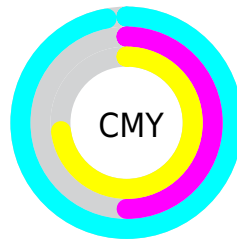
- Red (3%)
- Green (50%)
- Blue (27%)



- Red (3%)
- Yellow (35%)
- Blue (50%)



- Cyan (94%)
- Magenta (0%)
- Yellow (47%)
- Black (50%)



- Cyan (97%)
- Magenta (50%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 088044 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 088044 by changing the saturation by 10% instead.



 088044

 088044

FFFFFF

 00662D

 51B675

 004D17

 6DD28F

 003500

 8AEFAA

 002000

 A6FFC5

 000000

 C3FFE1

 E0FFFE

FEFFFF

 088044

 088044

■ 008040

■ 15804A

■ 228051

■ 2E8057

■ 3B805E

■ 488064

■ 55806A

■ 628071

■ 6E8077

■ 7B807E

# Harmonies

## Analogous

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



58791F



088044



00836F

# Triad

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



088044



0073C4



B84D46

# Complementary

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



088044



800844

# 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.



BA466F



088044



7163B8

# Square

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



088044



007EB9



A35099



A45D23

# Rectangle

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



088044



00838C



A35099



BB4853



# Sweetspot

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



088044



77A68F



448008



385446



D4D4D4



545454



# Same Dimension

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



088044



00A653



088080



39403D



008040



000000



# Inverse Universe

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



800844



A60053



800808



40393D



800040



000000



# Previews

## White Background



This preview shows how the Hex color 088044 looks on a white background.

## Color Contrast Check

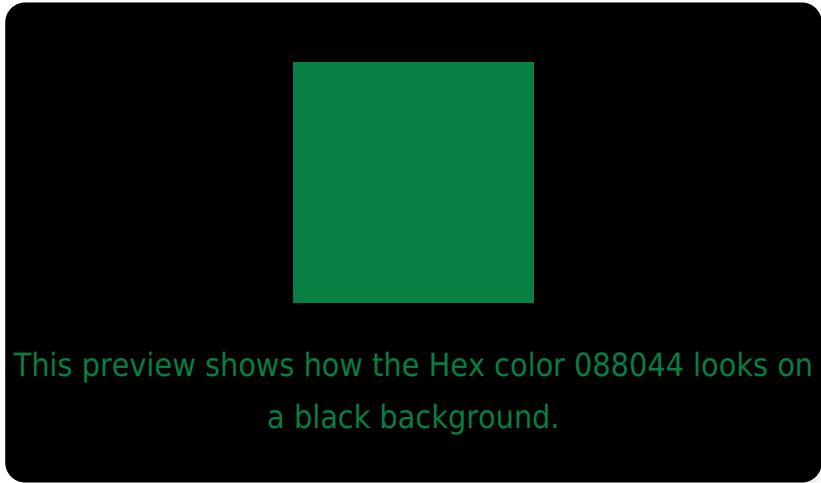
Large Text (above 18pt) WCAG AA ✓ Pass

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 088044 Background



This preview shows how black text looks on a background with the Hex color 088044.



This preview shows how white text looks on a background with the Hex color 088044.

# 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**  
088044

**Protanopia**  
796F3E

**Deuteranopia**  
856A49



**Tritanopia**  
317983

# Trichromacy



**Original Color**  
088044



**Protanomaly**  
507540



**Deuteranomaly**  
587247



**Tritanomaly**  
227C6C

# Monochromacy



**Original Color**  
088044



**Achromatopsia**  
555555



**Achromatomaly**  
39654F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 088044 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 #088044 looks like.

```
.text, #text, p{  
    color:#088044  
}
```

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 #088044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #088044
}
```

## Border

The CSS property to change the border of an element to Hex 088044 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
#088044 }
```

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

```
.border{ border-color:#088044 }
```

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

Here you see how a box with a 4 pixel #088044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #088044; -webkit-box-shadow:4px 4px  
4px 4px #088044; box-shadow:4px 4px 4px  
4px #088044 }
```

# Background

The CSS property to change the background color of an element to Hex 088044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#088044 }
```

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

```
.background{ background-color:#088044 }
```

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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