

# Converting Colors

Hex(086100)

Have a look what the booklet for  
Hex(086100) contains.

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# Color

Hex(086100)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	086100
RGB	8, 97, 0
RGB Percent	3%, 38%, 0%
CMY	0.9686, 0.6196, 1.0000
CMYK	0.92, 0.00, 1.00, 0.62
HSL	115°, 100%, 19%
HSV	115°, 100%, 38%
XYZ	4.3748, 8.6010, 1.4296
YIQ	59.3310, -21.9070, -49.0350

# Conversions

## Conversions Part 2

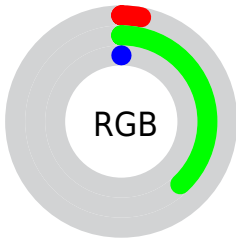
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 97, 89
Decimal	549120
CIELab	35.20, -41.52, 41.10
CIELCh	35, 58.423, 135.290
Yxy	8.6010, 0.3037, 0.5971
Android (android.graphics.Color)	4278739200 (0xFF086100)
YUV	59.3310, -29.2502, -45.0173
Hunter-Lab	29.3275, -24.6959, 17.6391

# Details

The Hex color **086100** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **590061**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4A9538**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **086100**, and if you desaturate by 10%, it is **11610A**.

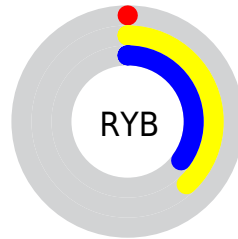
# Distribution



Red (3%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (35%)

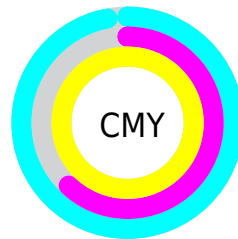


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (97%)

Magenta (62%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 086100 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 086100 by changing the saturation by 10% instead.



 086100

 086100

 FFFFF4

 004800

 4A9538

 003100

 65B051

 001B00

 80CB6A

 000000

 9CE884

 B8FF9F

 D5FFBB

 F2FFD7

 086100

 11610A

 1A6113

 23611D

 2C6127

 346131

 3D613A

 466144

 4F614E

 586157

# Harmonies

## Analogous

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



505800



086100



006539

# Triad

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



086100



005FAE



A3143D

# Complementary

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



086100



590061

# 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.



991A6C



086100



0051AE

# Square

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



086100



006595



713995



96300F

# Rectangle

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



086100



00675A



713995



A20F4D



# Sweetspot

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



086100



5B7D57



615900



2B4029



BFBFBF



404040



# Same Dimension

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



086100



0A7D00



006128



2C302C



097000



14F000



# Inverse Universe

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



590061



73007D



610039



302C30



670070

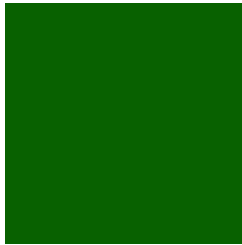


DC00F0



# Previews

## White Background



This preview shows how the Hex color 086100 looks on a white background.

## Color Contrast Check

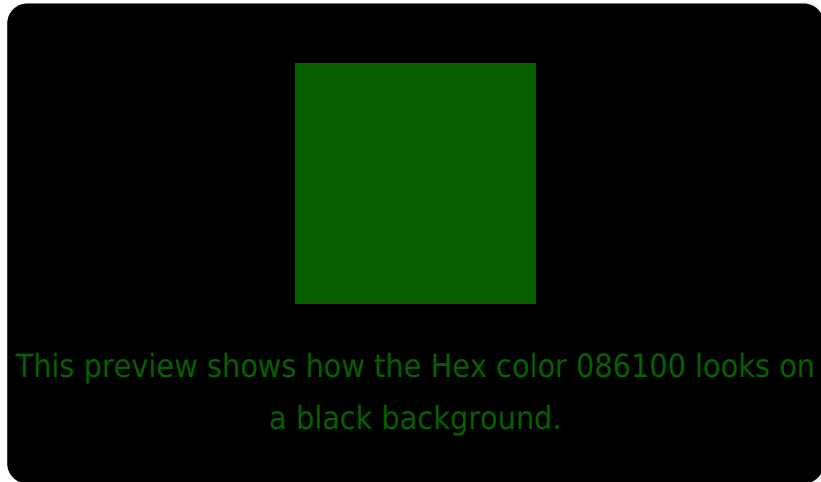
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 086100 Background



This preview shows how black text looks on a background with the Hex color 086100.



This preview shows how white text looks on a background with the Hex color 086100.

# 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](#).

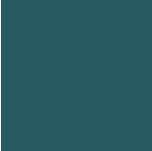
## Dichromacy



**Original Color**  
086100

**Protanopia**  
5E5300

**Deuteranopia**  
684F15



**Tritanopia**  
295A61

# Trichromacy



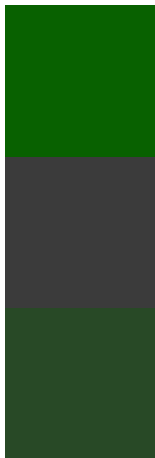
**Original Color**  
086100

**Protanomaly**  
3F5800

**Deuteranomaly**  
45560D

**Tritanomaly**  
1D5D3E

# Monochromacy



**Original Color**  
086100

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
284926

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 086100 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 #086100 looks like.

```
.text, #text, p{  
    color:#086100  
}
```

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 #086100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #086100
}
```

## Border

The CSS property to change the border of an element to Hex 086100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

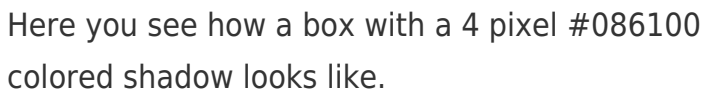
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#086100 }
```

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

```
.border{ border-color:#086100 }
```

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



Here you see how a box with a 4 pixel #086100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #086100; -webkit-box-shadow:4px 4px  
4px 4px #086100; box-shadow:4px 4px 4px  
4px #086100 }
```

# Background

The CSS property to change the background color of an element to Hex 086100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#086100 }
```

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

```
.background{ background-color:#086100 }
```

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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