

# Converting Colors

Hex(000856)

Have a look what the booklet for  
Hex(000856) contains.

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# Color

**Hex(000856)**

# Conversions

## Conversions Part 1

Format	Color
Hex	000856
RGB	0, 8, 86
RGB Percent	0%, 3%, 34%
CMY	1.0000, 0.9686, 0.6627
CMYK	1.00, 0.91, 0.00, 0.66
HSL	234°, 100%, 17%
HSV	234°, 100%, 34%
XYZ	1.7665, 0.8456, 8.8742
YIQ	14.5000, -29.8060, 22.5620

# Conversions

## Conversions Part 2

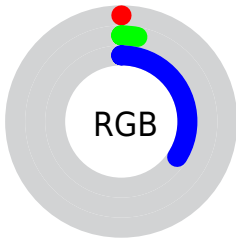
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 7, 86</a>
Decimal	<a href="#">2134</a>
CIELab	<a href="#">7.64, 30.56, -45.96</a>
CIELCh	<a href="#">8, 55.190, 303.619</a>
Yxy	<a href="#">0.8456, 0.1538, 0.0736</a>
Android (android.graphics.Color)	<a href="#">4278192214 (0xFF000856)</a>
YUV	<a href="#">14.5000, 35.2495, -12.7165</a>
Hunter-Lab	<a href="#">9.1954, 18.2001, -50.7823</a>

# Details

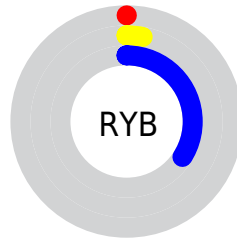
The Hex color **000856** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **564E00**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **423389**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **000856**, and if you desaturate by 10%, it is **091056**.

# Distribution



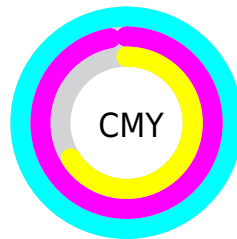
- Red (0%)
- Green (3%)
- Blue (34%)



- Red (0%)
- Yellow (3%)
- Blue (34%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (97%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 000856 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 000856 by changing the saturation by 10% instead.



 000856

 000856

 FFE8FF

 00003E

 423389

 000327

 5D4AA4

 000111

 7862BF

 000000

 947BDB

 AF95F8

 CCB0FF

 E9CCFF

 000856

■ 091056

■ 111856

■ 1A1F56

■ 222756

■ 2B2F56

■ 343756

■ 3C3F56

■ 454656

■ 4D4E56

# Harmonies

## Analogous

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



001D63



000856



410038

# Triad

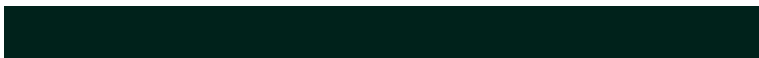
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000856



360300



00221B

# Complementary

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



000856



564E00

# 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.



002200



000856



1A1800

# Square

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



000856



490000



002100



00243F

# Rectangle

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



000856



4D0020



002100



00220B



# Sweetspot

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



000856



4F5270



00564D



242638



B8B8B8



383838



# Same Dimension

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



000856



000A70



220056



27272B



000A6B



0016EB



# Inverse Universe

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



560008



70000A



345600



2B2727



6B000A

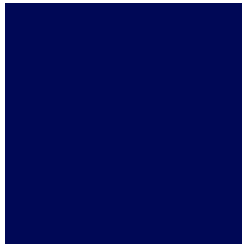


EB0016



# Previews

## White Background



This preview shows how the Hex color 000856 looks on a white background.

## Color Contrast Check

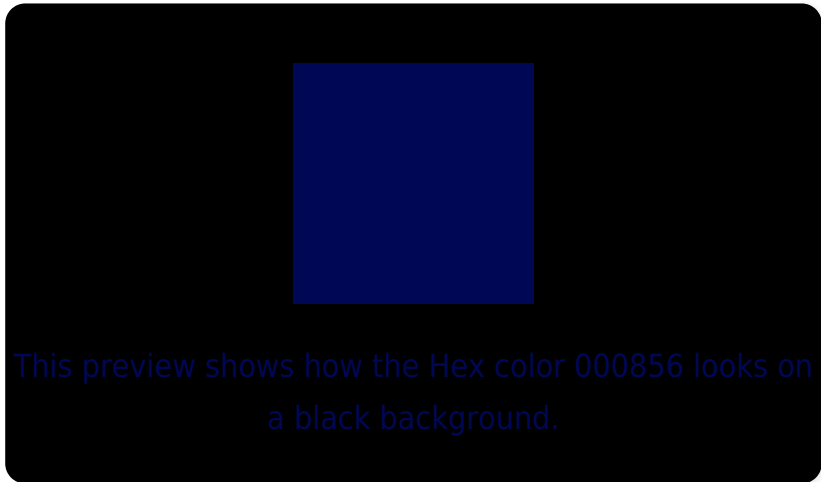
Large Text (above 18pt) WCAG AA ✓ Pass

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

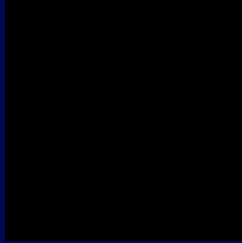
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 000856 Background



This preview shows how black text looks on a background with the Hex color 000856.



This preview shows how white text looks on a background with the Hex color 000856.

# 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**  
000856

**Deuteranopia**  
001B2E

**Tritanopia**  
001E1F

# Trichromacy



**Original Color**

000856

**Deuteranomaly**

00143D

**Tritanomaly**

001633

# Monochromacy



**Original Color**

000856

**Achromatopsia**

0F0F0F

**Achromatomaly**

0A0C29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 000856 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 #000856 looks like.

```
.text, #text, p{  
    color:#000856  
}
```

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 #000856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000856
}
```

## Border

The CSS property to change the border of an element to Hex 000856 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
#000856 }
```

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

```
.border{ border-color:#000856 }
```

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

Here you see how a box with a 4 pixel #000856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000856; -webkit-box-shadow:4px 4px  
4px 4px #000856; box-shadow:4px 4px 4px  
4px #000856 }
```

# Background

The CSS property to change the background color of an element to Hex 000856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000856 }
```

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

```
.background{ background-color:#000856 }
```

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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