

# Converting Colors

Hex(083213)

Have a look what the booklet for  
Hex(083213) contains.

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# Color

**Hex(083213)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	083213
RGB	8, 50, 19
RGB Percent	3%, 20%, 7%
CMY	0.9686, 0.8039, 0.9255
CMYK	0.84, 0.00, 0.62, 0.80
HSL	136°, 72%, 11%
HSV	136°, 84%, 20%
XYZ	1.3583, 2.3798, 1.0039
YIQ	33.9080, -15.0810, -18.5450

# Conversions

## Conversions Part 2

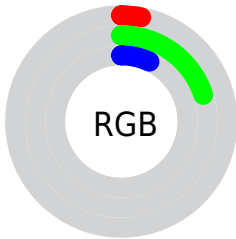
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	8, 41, 50
Decimal	537107
CIE Lab	17.37, -22.48, 15.59
CIE LCh	17, 27.361, 145.263
Yxy	2.3798, 0.2864, 0.5019
Android (android.graphics.Color)	4278727187 (0xFF083213)
YUV	33.9080, -7.3496, -22.7213
Hunter-Lab	15.4267, -11.2803, 6.9406

# Details

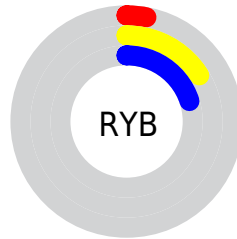
The Hex color **083213** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **320827**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **39613E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **03320F**, and if you desaturate by 10%, it is **0D3217**.

# Distribution



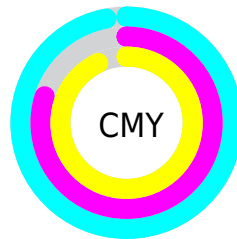
- Red (3%)
- Green (20%)
- Blue (7%)



- Red (3%)
- Yellow (16%)
- Blue (20%)



- Cyan (84%)
- Magenta (0%)
- Yellow (62%)
- Black (80%)



- Cyan (97%)
- Magenta (80%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 083213 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 083213 by changing the saturation by 10% instead.



 083213


 083213

 F2FFF5

 001E00

 39613E

 000000

 517A55

 6A946E

 83AF87

 9ECAA2

 B9E6BD

 D5FFD8

 083213

 083213

■ 03320F

■ 0D3217

■ 00320D

■ 12321A

■ 17321E

■ 1C3222

■ 213225

■ 263229

■ 2B322D

■ 303231

■ 353234

# Harmonies

## Analogous

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



252E00



083213



003427

# Triad

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



083213



002E52



4D191B

# Complementary

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



083213



320827

# 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.



4C182F



083213



25274E

# Square

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



083213



00324B



3F1E41



462108

# Rectangle

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



083213



003434



3F1E41



4E1821



# Sweetspot

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



083213



304034



283208



17211A



A1A1A1



212121



# Same Dimension

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



083213



004011



083228



171A18



005917



00D939



# Inverse Universe

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



320827



40002F



320813



1A1719



590042

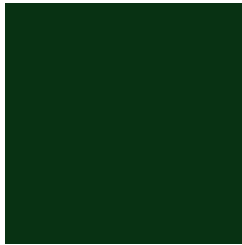


D900A0



# Previews

## White Background



This preview shows how the Hex color 083213 looks on a white background.

## Color Contrast Check

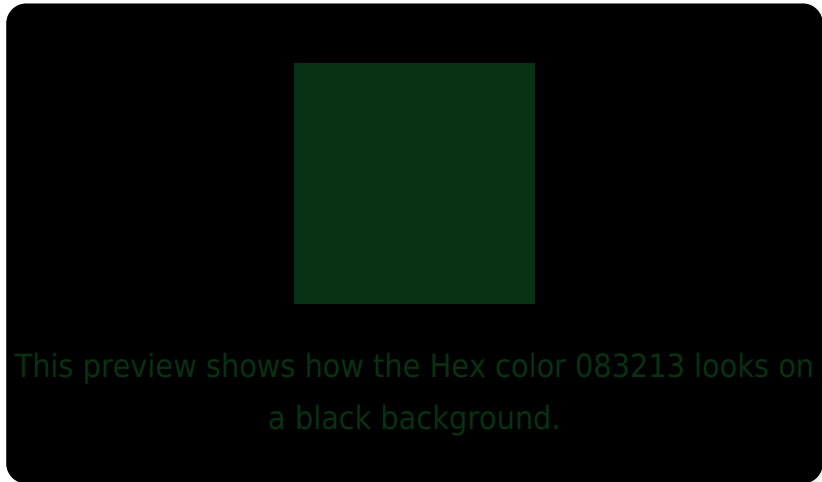
Large Text (above 18pt) WCAG AA ✓ Pass

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

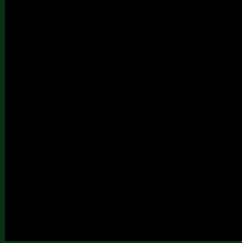
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 083213 Background



This preview shows how black text looks on a background with the Hex color 083213.



This preview shows how white text looks on a background with the Hex color 083213.

# 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**  
083213

**Protanopia**  
302B11

**Deuteranopia**  
352916



**Tritanopia**  
152F33

# Trichromacy



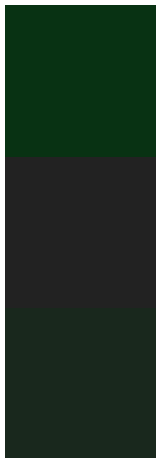
**Original Color**  
083213

**Protanomaly**  
212E12

**Deuteranomaly**  
252C15

**Tritanomaly**  
103027

# Monochromacy



**Original Color**  
083213

**Achromatopsia**  
222222

**Achromatomaly**  
19281D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 083213 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 #083213 looks like.

```
.text, #text, p{  
    color:#083213  
}
```

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 #083213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083213
}
```

## Border

The CSS property to change the border of an element to Hex 083213 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
#083213 }
```

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

```
.border{ border-color:#083213 }
```

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

Here you see how a box with a 4 pixel #083213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083213; -webkit-box-shadow:4px 4px  
4px 4px #083213; box-shadow:4px 4px 4px  
4px #083213 }
```

# Background

The CSS property to change the background color of an element to Hex 083213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083213 }
```

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

```
.background{ background-color:#083213 }
```

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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