

# Converting Colors

Hex(083204)

Have a look what the booklet for  
Hex(083204) contains.

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# Color

**Hex(083204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	083204
RGB	8, 50, 4
RGB Percent	3%, 20%, 2%
CMY	0.9686, 0.8039, 0.9843
CMYK	0.84, 0.00, 0.92, 0.80
HSL	115°, 85%, 11%
HSV	115°, 92%, 20%
XYZ	1.2627, 2.3416, 0.5003
YIQ	32.1980, -10.2660, -23.2100

# Conversions

## Conversions Part 2

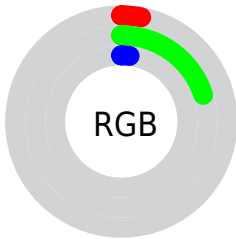
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 50, 46
Decimal	537092
CIELab	17.19, -24.63, 22.48
CIELCh	17, 33.342, 137.615
Yxy	2.3416, 0.3076, 0.5705
Android (android.graphics.Color)	4278727172 (0xFF083204)
YUV	32.1980, -13.9016, -21.2216
Hunter-Lab	15.3023, -12.0502, 8.7732

# Details

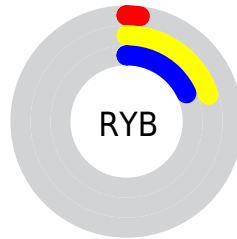
The Hex color **083204** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E0432**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **396132**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **043200**, and if you desaturate by 10%, it is **0D3209**.

# Distribution



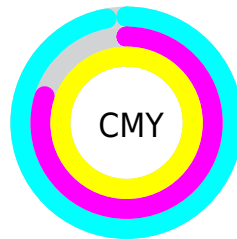
- Red (3%)
- Green (20%)
- Blue (2%)



- Red (2%)
- Yellow (20%)
- Blue (18%)



- Cyan (84%)
- Magenta (0%)
- Yellow (92%)
- Black (80%)



- Cyan (97%)
- Magenta (80%)
- Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 083204 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 083204 by changing the saturation by 10% instead.



 083204


 083204

 F3FFE7

 001F00

 396132

 000000

 517A49

 6A9461

 84AF7A

 9FCA94

 BAE6AF

 D6FFCA

 083204

 083204

■ 043200

■ 0D3209

■ 11320E

■ 163213

■ 1A3218

■ 1F321D

■ 233222

■ 283227

■ 2D322C

■ 313231

# Harmonies

## Analogous

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



292D00



083204



00341F

# Triad

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



083204



003059



54101D

# Complementary

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



083204



2E0432

# 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.



501135



083204



0F2858

# Square

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



083204



00344D



3C1D4B



4D1B03

# Rectangle

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



083204



003530



3C1D4B



540E25



# Sweetspot

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



083204



2F402E



322D04



172116



A1A1A1



212121



# Same Dimension

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



083204



064000



043216



171A17



085900



13D900



# Inverse Universe

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



2E0432



3A0040



320420



19171A



510059

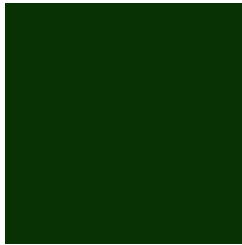


C600D9



# Previews

## White Background



This preview shows how the Hex color 083204 looks on a white background.

## Color Contrast Check

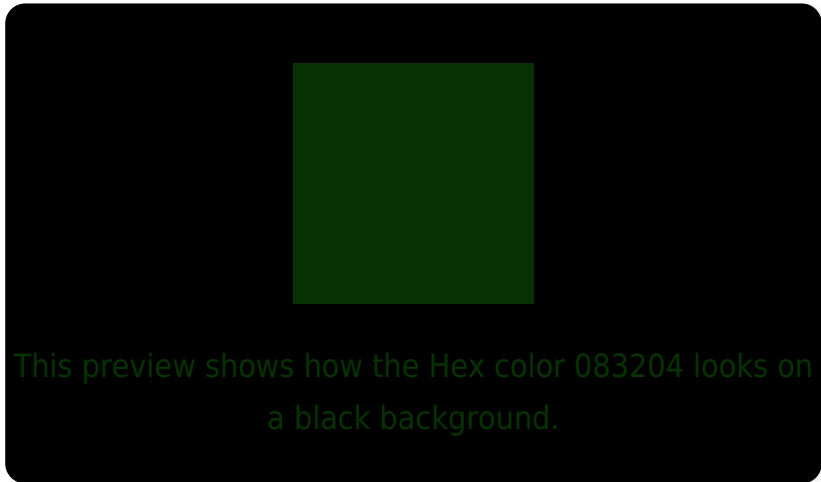
Large Text (above 18pt) WCAG AA ✓ Pass

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

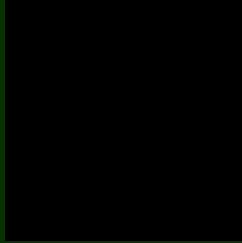
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 083204 Background



This preview shows how black text looks on a background with the Hex color 083204.



This preview shows how white text looks on a background with the Hex color 083204.

# 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](#).

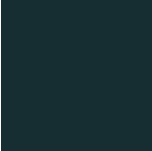
## Dichromacy



**Original Color**  
083204

**Protanopia**  
302B00

**Deuteranopia**  
36290B



**Tritanopia**  
162E32

# Trichromacy



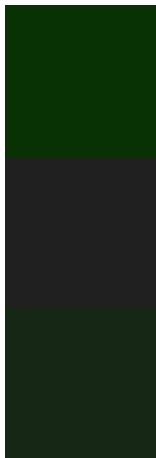
**Original Color**  
083204

**Protanomaly**  
212E01

**Deuteranomaly**  
252C08

**Tritanomaly**  
112F21

# Monochromacy



**Original Color**  
083204

**Achromatopsia**  
202020

**Achromatomaly**  
172716

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 083204 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 #083204 looks like.

```
.text, #text, p{  
    color:#083204  
}
```

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 #083204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083204
}
```

## Border

The CSS property to change the border of an element to Hex 083204 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".

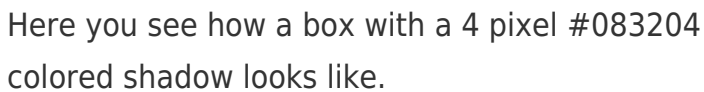
```
.border, #border, table{ border:4px solid
#083204 }
```

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

```
.border{ border-color:#083204 }
```

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

Here you see how a box with a 4 pixel #083204 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #083204 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083204; -webkit-box-shadow:4px 4px  
4px 4px #083204; box-shadow:4px 4px 4px  
4px #083204 }
```

# Background

The CSS property to change the background color of an element to Hex 083204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083204 }
```

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

```
.background{ background-color:#083204 }
```

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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