

# Converting Colors

Hex(0C8325)

Have a look what the booklet for  
Hex(0C8325) contains.

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**Color**

**Hex(0C8325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C8325
RGB	12, 131, 37
RGB Percent	5%, 51%, 15%
CMY	0.9529, 0.4863, 0.8549
CMYK	0.91, 0.00, 0.72, 0.49
HSL	133°, 83%, 28%
HSV	133°, 91%, 51%
XYZ	8.6018, 16.4443, 4.4710
YIQ	84.7030, -40.7500, -54.4620

# Conversions

## Conversions Part 2

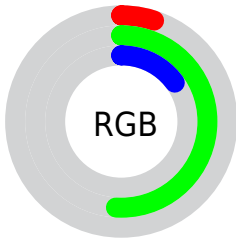
Format	Color
<a href="#">RYB</a>	<a href="#">12, 110, 131</a>
Decimal	<a href="#">820005</a>
CIELab	<a href="#">47.55, -49.45, 40.57</a>
CIELCh	<a href="#">48, 63.962, 140.629</a>
Yxy	<a href="#">16.4443, 0.2914, 0.5571</a>
Android (android.graphics.Color)	<a href="#">4279010085</a> ( <a href="#">0xFF0C8325</a> )
YUV	<a href="#">84.7030, -23.5176, -63.7605</a>
Hunter-Lab	<a href="#">40.5516, -33.1017, 21.8492</a>

# Details

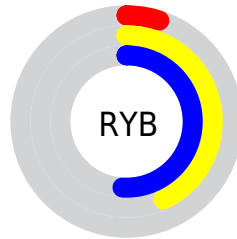
The Hex color **0C8325** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **830C6A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **54B957**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **00831C**, and if you desaturate by 10%, it is **19832F**.

# Distribution



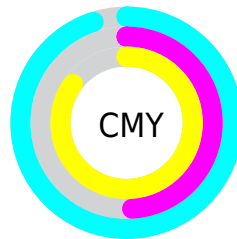
- Red (5%)
- Green (51%)
- Blue (15%)



- Red (5%)
- Yellow (43%)
- Blue (51%)



- Cyan (91%)
- Magenta (0%)
- Yellow (72%)
- Black (49%)



- Cyan (95%)
- Magenta (49%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C8325 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 0C8325 by changing the saturation by 10% instead.





0C8325



0C8325

FFFFFF



006908



54B957



005000



71D571



003800



8EF28B



002200



AAFFA6



000000



C7FFC2



E5FFDE



FFFFFFB



0C8325



0C8325

■ 00831C

■ 19832F

■ 26833A

■ 338344

■ 40834E

■ 4E8359

■ 5B8363

■ 68836D

■ 758378

■ 828382

# Harmonies

## Analogous

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



657900



0C8325



00885D

# Triad

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



0C8325



007CDC



CE374E

# Complementary

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



0C8325



830C6A

# 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.



C73584



0C8325



456AD7

# Square

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



0C8325



0086C4



A04FB6



BB501B

# Rectangle

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



0C8325



008983



A04FB6



CF3260



# Sweetspot

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



0C8325



7DAB86



6B830C



3B5741



D6D6D6



575757



# Same Dimension

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



0C8325



00AB24



0C835F



3C423D



00821B



000301



# Inverse Universe

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



830C6A



AB0087



830C30



423C41



820067

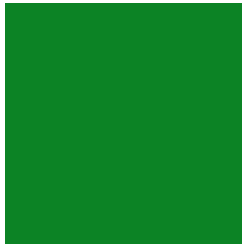


030002



# Previews

## White Background



This preview shows how the Hex color 0C8325 looks on a white background.

## Color Contrast Check

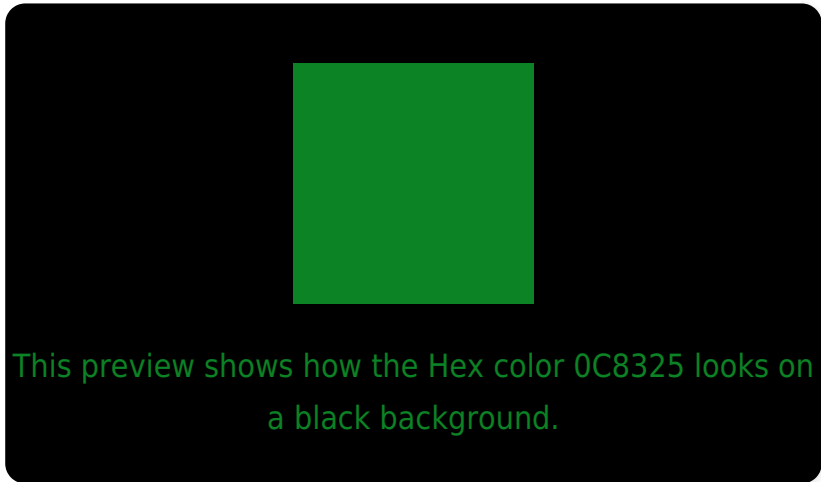
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C8325 Background



This preview shows how black text looks on a background with the Hex color 0C8325.



This preview shows how white text looks on a background with the Hex color 0C8325.

# 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**  
0C8325

**Protanopia**  
7E7020

**Deuteranopia**  
8C6B2E



**Tritanopia**  
377A84

# Trichromacy



**Original Color**  
0C8325



**Protanomaly**  
557722



**Deuteranomaly**  
5D742B



**Tritanomaly**  
277D61

# Monochromacy



**Original Color**  
0C8325



**Achromatopsia**  
555555



**Achromatomaly**  
3A6644

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C8325 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 #0C8325 looks like.

```
.text, #text, p{  
    color:#0C8325  
}
```

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 #0C8325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C8325
}
```

## Border

The CSS property to change the border of an element to Hex 0C8325 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
#0C8325 }
```

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

```
.border{ border-color:#0C8325 }
```

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

Here you see how a box with a 4 pixel #0C8325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C8325; -webkit-box-shadow:4px 4px  
4px 4px #0C8325; box-shadow:4px 4px 4px  
4px #0C8325 }
```

# Background

The CSS property to change the background color of an element to Hex 0C8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C8325 }
```

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

```
.background{ background-color:#0C8325 }
```

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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