

Converting Colors

Hex(0C9245)

Have a look what the booklet for
Hex(0C9245) contains.

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Color

Hex(0C9245)

Conversions

Conversions Part 1

Format	Color
Hex	0C9245
RGB	12, 146, 69
RGB Percent	5%, 57%, 27%
CMY	0.9529, 0.4275, 0.7294
CMYK	0.92, 0.00, 0.53, 0.43
HSL	146°, 85%, 31%
HSV	146°, 92%, 57%
XYZ	11.5047, 21.0656, 9.0899
YIQ	97.1560, -55.1470, -52.3550

Conversions

Conversions Part 2

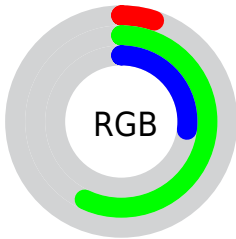
Format	Color
RYB	12, 106, 146
Decimal	823877
CIELab	53.02, -50.17, 31.59
CIELCh	53, 59.290, 147.803
Yxy	21.0656, 0.2762, 0.5057
Android (android.graphics.Color)	4279013957 (0xFF0C9245)
YUV	97.1560, -13.8809, -74.6818
Hunter-Lab	45.8973, -35.5772, 20.3857

Details

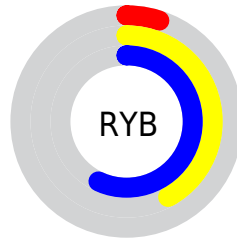
The Hex color **0C9245** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **920C59**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **58C977**, and **005E15** is the 20% darker color. If you saturate the color by 10%, you get **00923E**, and if you desaturate by 10%, it is **1B924D**.

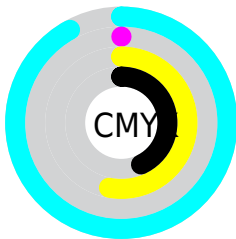
Distribution



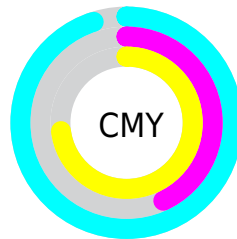
- Red (5%)
- Green (57%)
- Blue (27%)



- Red (5%)
- Yellow (42%)
- Blue (57%)



- Cyan (92%)
- Magenta (0%)
- Yellow (53%)
- Black (43%)



- Cyan (95%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C9245 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 0C9245 by changing the saturation by 10% instead.

 0C9245

 0C9245

FFFFFF

 00782D

 58C977

 005E15

 75E691

 004500

 92FFAC

 002F00

 AFFFC8

 001200

 CCFFE4

 000000

 EAFFFF

 0C9245

 0C9245

 00923E

 1B924D

■ 299256

■ 38925E

■ 469267

■ 55926F

■ 649277

■ 729280

■ 819288

■ 8F9291

Harmonies

Analogous

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



698916



0C9245



009679

Triad

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



0C9245



0086E5



D75252

Complementary

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



0C9245



920C59

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.



D64B85



0C9245



7673D9

Square

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



0C9245



0091D4



B85BB6



C16726

Rectangle

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



0C9245



00969C



B85BB6



DA4D63

Sweetspot

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



0C9245



88BD9E



5A920C



3E5E4C



DEDEDE



5E5E5E

Same Dimension

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



0C9245



00BD50



0C9287



434A46



008A3B



000A04

Inverse Universe

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



920C59



BD006C



920C17



4A4347



8A004F



0A0006

Previews

White Background



This preview shows how the Hex color 0C9245 looks on a white background.

Color Contrast Check

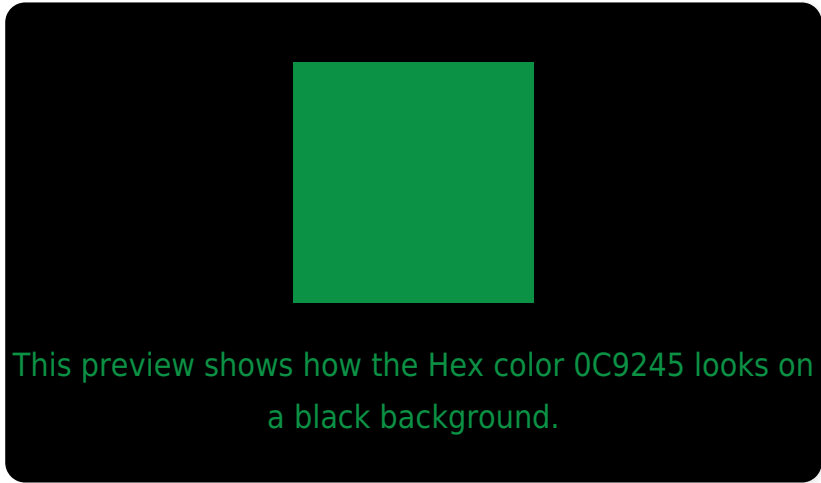
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 0C9245 Background



This preview shows how black text looks on a background with the Hex color 0C9245.



This preview shows how white text looks on a background with the Hex color 0C9245.

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
0C9245

Protanopia
8B7E3E

Deuteranopia
99784C



Tritanopia
398995

Trichromacy



Original Color
0C9245



Protanomaly
5D8541



Deuteranomaly
668149



Tritanomaly
298C78

Monochromacy



Original Color
0C9245



Achromatopsia
616161



Achromatomaly
427357

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C9245 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 #0C9245 looks like.

```
.text, #text, p{  
    color:#0C9245  
}
```

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 #0C9245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C9245
}
```

Border

The CSS property to change the border of an element to Hex 0C9245 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
#0C9245 }
```

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

```
.border{ border-color:#0C9245 }
```

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

Here you see how a box with a 4 pixel #0C9245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C9245; -webkit-box-shadow:4px 4px  
4px 4px #0C9245; box-shadow:4px 4px 4px  
4px #0C9245 }
```

Background

The CSS property to change the background color of an element to Hex 0C9245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C9245 }
```

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

```
.background{ background-color:#0C9245 }
```

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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