

Converting Colors

Hex(0C541A)

Have a look what the booklet for
Hex(0C541A) contains.

| | |
|--|----|
| Hex(0C541A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(0C541A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 0C541A |
| RGB | 12, 84, 26 |
| RGB Percent | 5%, 33%, 10% |
| CMY | 0.9529, 0.6706, 0.8980 |
| CMYK | 0.86, 0.00, 0.69, 0.67 |
| HSL | 132°, 75%, 19% |
| HSV | 132°, 86%, 33% |
| XYZ | 3.5084, 6.4934, 2.0457 |
| YIQ | 55.8600, -24.2940, -33.3020 |

Conversions

Conversions Part 2

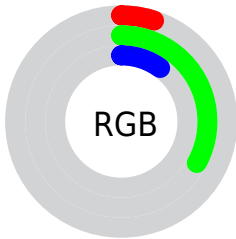
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 12, 72, 84 |
| Decimal | 807962 |
| CIELab | 30.62, -34.49, 27.22 |
| CIELCh | 31, 43.935, 141.720 |
| Yxy | 6.4934, 0.2912, 0.5390 |
| Android (android.graphics.Color) | 4278998042 (0xFF0C541A) |
| YUV | 55.8600, -14.7210, -38.4652 |
| Hunter-Lab | 25.4821, -20.0177, 13.0777 |

Details

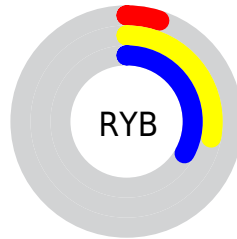
The Hex color **0C541A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **540C46**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **468748**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **045413**, and if you desaturate by 10%, it is **145421**.

Distribution



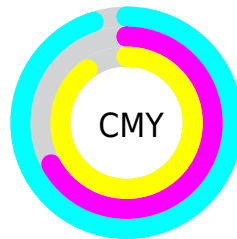
- Red (5%)
- Green (33%)
- Blue (10%)



- Red (5%)
- Yellow (28%)
- Blue (33%)



- Cyan (86%)
- Magenta (0%)
- Yellow (69%)
- Black (67%)



- Cyan (95%)
- Magenta (67%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C541A 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 0C541A by changing the saturation by 10% instead.

 0C541A

 0C541A

FFFFFF

 003C02

 468748

 002700

 60A160

 000400

 7ABC7A

 000000

 95D894

 B1F5AF

 CDFFCA

 EAF FE7

 0C541A

 0C541A

■ 045413

■ 145421

■ 005410

■ 1D5428

■ 25542E

■ 2E5435

■ 36543C

■ 3E5443

■ 475449

■ 4F5450

■ 585457

Harmonies

Analogous

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



404E00



0C541A



00573D

Triad

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



0C541A



004F8C



842631

Complementary

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



0C541A



540C46

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.



802453



0C541A



324388

Square

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



0C541A



00557E



683373



783411

Rectangle

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



0C541A



005855



683373



85233C

Sweetspot

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



0C541A



516E57



47540C



27382A



B8B8B8



383838

Same Dimension

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



0C541A



006E15



0C543D



252926



006914



00E82D

Inverse Universe

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



540C46



6E0058



540C23



292528



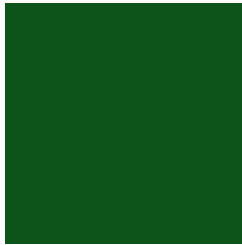
690054



E800BB

Previews

White Background



This preview shows how the Hex color 0C541A looks on a white background.

Color Contrast Check

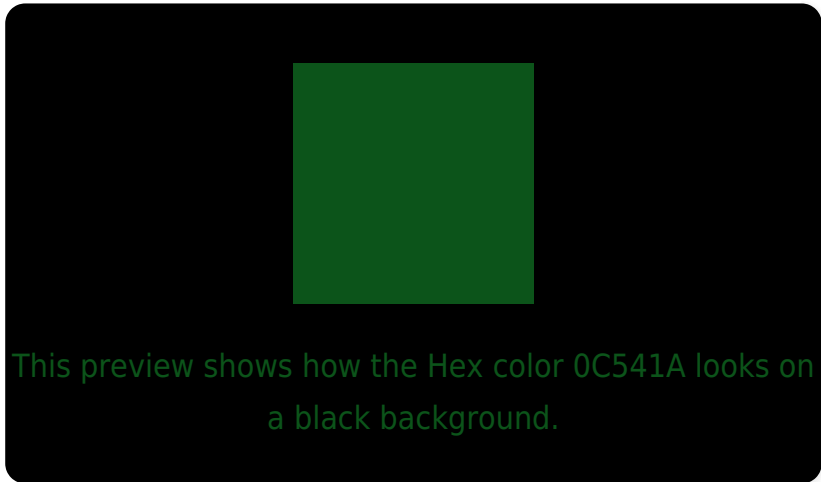
Large Text (above 18pt) WCAG AA ✓ Pass

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

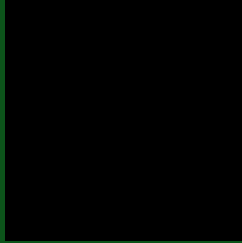
Any Text WCAG AA × Fail

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 0C541A Background



This preview shows how black text looks on a background with the Hex color 0C541A.



This preview shows how white text looks on a background with the Hex color 0C541A.

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
0C541A

Protanopia
514817

Deuteranopia
59451F



Tritanopia
244E55

Trichromacy



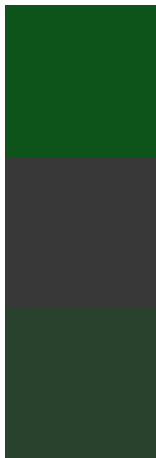
Original Color
0C541A

Protanomaly
384C18

Deuteranomaly
3D4A1D

Tritanomaly
1B5040

Monochromacy



Original Color
0C541A

Achromatopsia
383838

Achromatomaly
28422D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C541A 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 #0C541A looks like.

```
.text, #text, p{  
    color:#0C541A  
}
```

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 #0C541A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C541A
}
```

Border

The CSS property to change the border of an element to Hex 0C541A 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
#0C541A }
```

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

```
.border{ border-color:#0C541A }
```

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

Here you see how a box with a 4 pixel #0C541A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C541A; -webkit-box-shadow:4px 4px  
4px 4px #0C541A; box-shadow:4px 4px 4px  
4px #0C541A }
```

Background

The CSS property to change the background color of an element to Hex 0C541A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C541A }
```

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

```
.background{ background-color:#0C541A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor