

# Converting Colors

Hex(0D541F)

Have a look what the booklet for  
Hex(0D541F) contains.

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# Color

**Hex(0D541F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D541F
RGB	13, 84, 31
RGB Percent	5%, 33%, 12%
CMY	0.9490, 0.6706, 0.8784
CMYK	0.85, 0.00, 0.63, 0.67
HSL	135°, 73%, 19%
HSV	135°, 85%, 33%
XYZ	3.5836, 6.5251, 2.3669
YIQ	56.7290, -25.3030, -31.5350

# Conversions

## Conversions Part 2

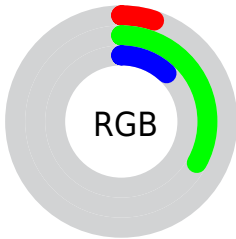
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 70, 84
Decimal	873503
CIELab	30.70, -33.63, 24.70
CIElCh	31, 41.730, 143.707
Yxy	6.5251, 0.2872, 0.5230
Android (android.graphics.Color)	4279063583 (0xFF0D541F)
YUV	56.7290, -12.6844, -38.3503
Hunter-Lab	25.5444, -19.6608, 12.3873

# Details

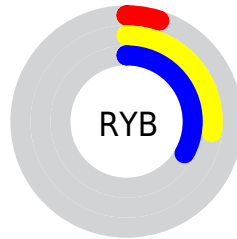
The Hex color **0D541F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **540D42**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **46864D**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **055419**, and if you desaturate by 10%, it is **155425**.

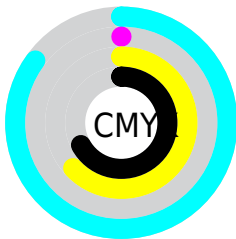
# Distribution



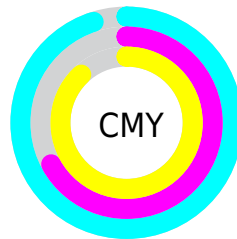
- Red (5%)
- Green (33%)
- Blue (12%)



- Red (5%)
- Yellow (27%)
- Blue (33%)



- Cyan (85%)
- Magenta (0%)
- Yellow (63%)
- Black (67%)



- Cyan (95%)
- Magenta (67%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D541F 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 0D541F by changing the saturation by 10% instead.



 0D541F

 0D541F

FFFFFF

 003C08

 46864D

 002700

 60A165

 000500

 7ABC7F

 000000

 95D899

 B1F5B4

 CDFFCF

 EAF FEC

 0D541F

 0D541F

■ 055419

■ 155425

■ 005415

■ 1E542C

■ 265432

■ 2F5438

■ 37543E

■ 3F5445

■ 48544B

■ 505451

■ 595457

# Harmonies

## Analogous

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



3F4E01



0D541F



005740

# Triad

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



0D541F



004E89



812930

# Complementary

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



0D541F



540D42

# 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.



7F2751



0D541F



3A4384

# Square

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



0D541F



00557C



69336F



753713

# Rectangle

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



0D541F



005757



69336F



82273B



# Sweetspot

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



0D541F



526E59



42540D



27382C



B8B8B8



383838



# Same Dimension

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



0D541F



006E1C



0D5442



252926



00691B



00E83B



# Inverse Universe

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



540D42



6E0052



540D1F



292528



69004E

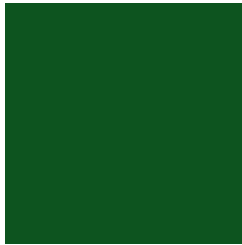


E800AD



# Previews

## White Background



This preview shows how the Hex color 0D541F looks on a white background.

## Color Contrast Check

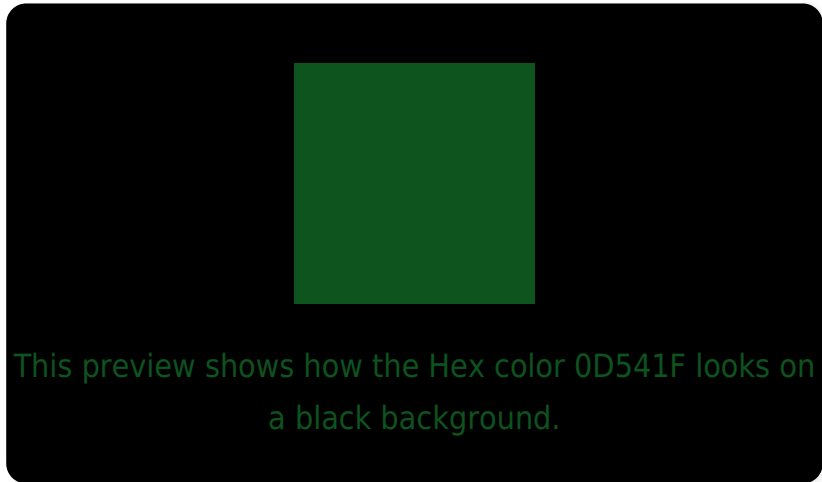
Large Text (above 18pt) WCAG AA ✓ Pass

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

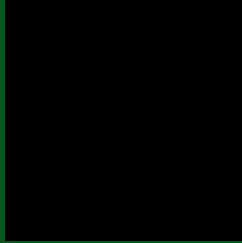
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D541F Background



This preview shows how black text looks on a background with the Hex color 0D541F.



This preview shows how white text looks on a background with the Hex color 0D541F.

# 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**  
0D541F

**Protanopia**  
51481C

**Deuteranopia**  
594524



**Tritanopia**  
244F55

# Trichromacy



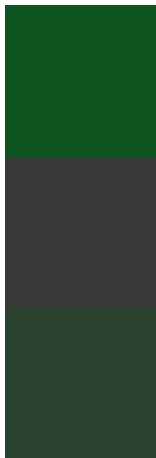
**Original Color**  
0D541F

**Protanomaly**  
384C1D

**Deuteranomaly**  
3D4A22

**Tritanomaly**  
1C5141

# Monochromacy



**Original Color**  
0D541F

**Achromatopsia**  
393939

**Achromatomaly**  
294330

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D541F 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 #0D541F looks like.

```
.text, #text, p{  
    color:#0D541F  
}
```

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 #0D541F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D541F
}
```

## Border

The CSS property to change the border of an element to Hex 0D541F 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
#0D541F }
```

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

```
.border{ border-color:#0D541F }
```

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

Here you see how a box with a 4 pixel #0D541F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D541F; -webkit-box-shadow:4px 4px  
4px 4px #0D541F; box-shadow:4px 4px 4px  
4px #0D541F }
```

# Background

The CSS property to change the background color of an element to Hex 0D541F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D541F }
```

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

```
.background{ background-color:#0D541F }
```

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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