

# Converting Colors

Hex(10531E)

Have a look what the booklet for  
Hex(10531E) contains.

<b>Hex(10531E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(10531E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10531E
RGB	16, 83, 30
RGB Percent	6%, 33%, 12%
CMY	0.9373, 0.6745, 0.8824
CMYK	0.81, 0.00, 0.64, 0.67
HSL	133°, 68%, 19%
HSV	133°, 81%, 33%
XYZ	3.5413, 6.3904, 2.2751
YIQ	56.9250, -22.9190, -30.6870

# Conversions

## Conversions Part 2

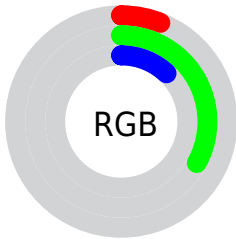
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 71, 83
Decimal	1069854
CIELab	30.38, -32.90, 24.87
CIELCh	30, 41.246, 142.911
Yxy	6.3904, 0.2901, 0.5235
Android (android.graphics.Color)	4279259934 (0xFF10531E)
YUV	56.9250, -13.2740, -35.8912
Hunter-Lab	25.2793, -19.2332, 12.3594

# Details

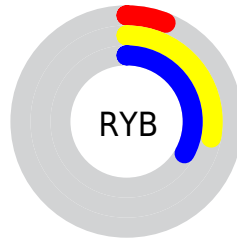
The Hex color **10531E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **531045**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **47854C**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **085317**, and if you desaturate by 10%, it is **185325**.

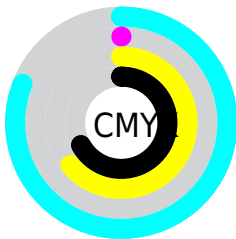
# Distribution



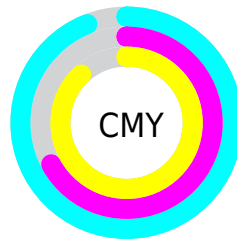
- Red (6%)
- Green (33%)
- Blue (12%)



- Red (6%)
- Yellow (28%)
- Blue (33%)



- Cyan (81%)
- Magenta (0%)
- Yellow (64%)
- Black (67%)



- Cyan (94%)
- Magenta (67%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10531E 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 10531E by changing the saturation by 10% instead.



 10531E

 10531E

FFFFFF

 003B07

 47854C

 002600

 61A064

 000300

 7BBB7E

 000000

 96D798

 B2F4B3

 CEFFCE

 EBFFEB

 10531E

 10531E

■ 085317

■ 185325

■ 005311

■ 21532B

■ 295332

■ 315338

■ 39533F

■ 425345

■ 4A534C

■ 525353

■ 5B5359

# Harmonies

## Analogous

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



3F4D01



10531E



00563F

# Triad

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



10531E



004E88



802931

# Complementary

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



10531E



531045

# 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.



7D2751



10531E



374283

# Square

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



10531E



00547A



67336F



743614

# Rectangle

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



10531E



005655



67336F



81273B



# Sweetspot

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



10531E



516B57



465310



263629



B5B5B5



363636



# Same Dimension

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



10531E



036B19



10533F



252926



006916



00E830



# Inverse Universe

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



531045



6B0355



531024



292528



690053

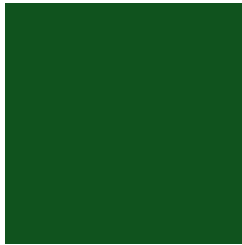


E800B8



# Previews

## White Background



This preview shows how the Hex color 10531E looks on a white background.

## Color Contrast Check

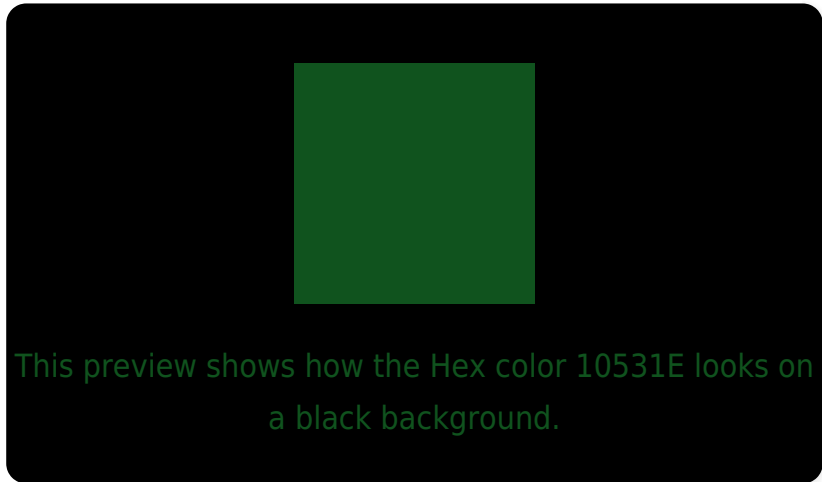
Large Text (above 18pt) WCAG AA ✓ Pass

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

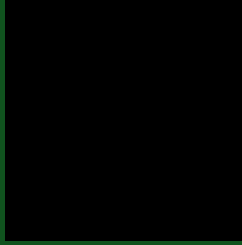
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 10531E Background



This preview shows how black text looks on a background with the Hex color 10531E.



This preview shows how white text looks on a background with the Hex color 10531E.

# 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](#).

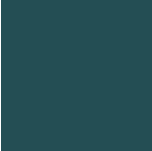
## Dichromacy



**Original Color**  
10531E

**Protanopia**  
50481B

**Deuteranopia**  
584423



**Tritanopia**  
244E54

# Trichromacy



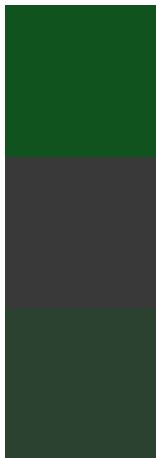
**Original Color**  
10531E

**Protanomaly**  
394C1C

**Deuteranomaly**  
3E4921

**Tritanomaly**  
1D5040

# Monochromacy



**Original Color**  
10531E

**Achromatopsia**  
393939

**Achromatomaly**  
2A422F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10531E 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 #10531E looks like.

```
.text, #text, p{  
    color:#10531E  
}
```

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 #10531E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10531E
}
```

## Border

The CSS property to change the border of an element to Hex 10531E 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".

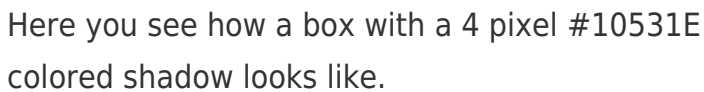
```
.border, #border, table{ border:4px solid
#10531E }
```

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

```
.border{ border-color:#10531E }
```

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

Here you see how a box with a 4 pixel #10531E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10531E; -webkit-box-shadow:4px 4px  
4px 4px #10531E; box-shadow:4px 4px 4px  
4px #10531E }
```

# Background

The CSS property to change the background color of an element to Hex 10531E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10531E }
```

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

```
.background{ background-color:#10531E }
```

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