

# Converting Colors

Hex(07591B)

Have a look what the booklet for  
Hex(07591B) contains.

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# Color

**Hex(07591B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07591B
RGB	7, 89, 27
RGB Percent	3%, 35%, 11%
CMY	0.9725, 0.6510, 0.8941
CMYK	0.92, 0.00, 0.70, 0.65
HSL	135°, 85%, 19%
HSV	135°, 92%, 35%
XYZ	3.8578, 7.2691, 2.2367
YIQ	57.4140, -28.9700, -36.6660

# Conversions

## Conversions Part 2

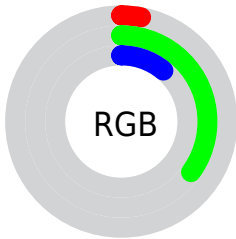
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 73, 89
Decimal	481563
CIELab	32.41, -36.84, 28.69
CIElCh	32, 46.696, 142.085
Yxy	7.2691, 0.2887, 0.5439
Android (android.graphics.Color)	4278671643 (0xFF07591B)
YUV	57.4140, -14.9941, -44.2131
Hunter-Lab	26.9612, -21.6408, 13.9542

# Details

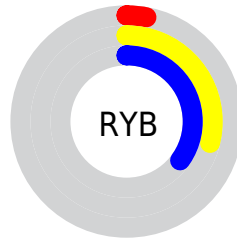
The Hex color **07591B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **590745**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **458C4A**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **005916**, and if you desaturate by 10%, it is **105922**.

# Distribution



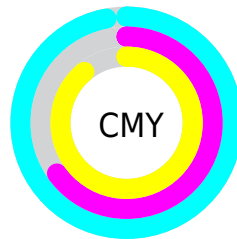
- Red (3%)
- Green (35%)
- Blue (11%)



- Red (3%)
- Yellow (29%)
- Blue (35%)



- Cyan (92%)
- Magenta (0%)
- Yellow (70%)
- Black (65%)



- Cyan (97%)
- Magenta (65%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07591B 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 07591B by changing the saturation by 10% instead.



 07591B

 07591B

FFFFFF

 004103

 458C4A

 002A00

 60A762

 001000

 7AC27B

 000000

 96DE96

 B1FBB1

 CEFFCC

 EBFFE9

 07591B

 07591B

■ 005916

■ 105922

■ 195928

■ 22592F

■ 2B5936

■ 34593D

■ 3C5943

■ 45594A

■ 4E5951

■ 575958

# Harmonies

## Analogous

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



435200



07591B



005C41

# Triad

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



07591B



005495



8C2733

# Complementary

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



07591B



590745

# 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.



882558



07591B



354791

# Square

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



07591B



005A86



6E357A



7F3711

# Rectangle

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



07591B



005D5B



6E357A



8D243F



# Sweetspot

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



07591B



53735A



465907



273B2C



BABABA



3B3B3B



# Same Dimension

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



07591B



00731C



075943



272B28



006B1A



00EB39



# Inverse Universe

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



590745



730057



59071D



2B272A



6B0051

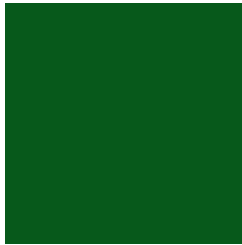


EB00B1



# Previews

## White Background



This preview shows how the Hex color 07591B looks on a white background.

## Color Contrast Check

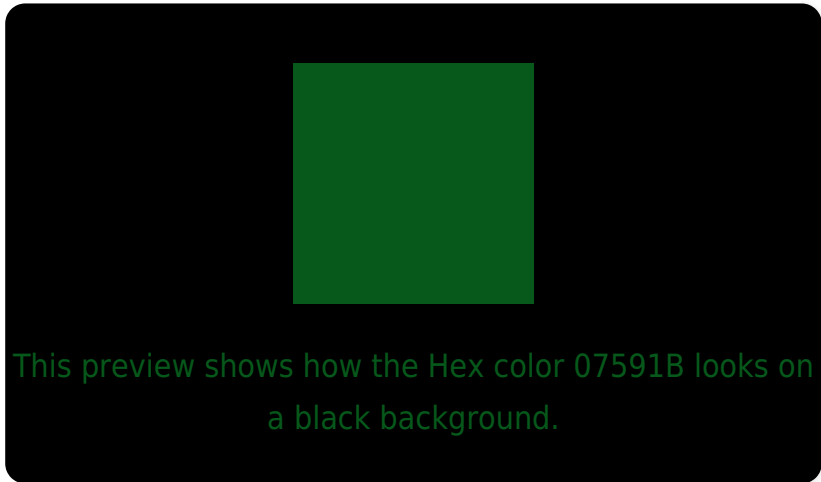
Large Text (above 18pt) WCAG AA ✓ Pass

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

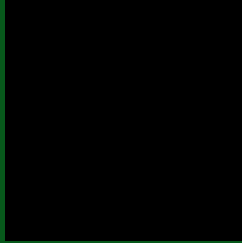
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 07591B Background



This preview shows how black text looks on a background with the Hex color 07591B.



This preview shows how white text looks on a background with the Hex color 07591B.

# 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](#).

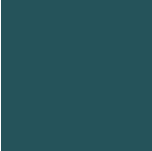
## Dichromacy



**Original Color**  
07591B

**Protanopia**  
554C18

**Deuteranopia**  
5F4921



**Tritanopia**  
25535A

# Trichromacy



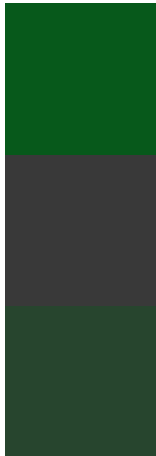
**Original Color**  
07591B

**Protanomaly**  
395119

**Deuteranomaly**  
3F4F1F

**Tritanomaly**  
1A5543

# Monochromacy



**Original Color**  
07591B

**Achromatopsia**  
393939

**Achromatomaly**  
27452E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07591B 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 #07591B looks like.

```
.text, #text, p{  
    color:#07591B  
}
```

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 #07591B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07591B
}
```

## Border

The CSS property to change the border of an element to Hex 07591B 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
#07591B }
```

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

```
.border{ border-color:#07591B }
```

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

Here you see how a box with a 4 pixel #07591B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07591B; -webkit-box-shadow:4px 4px  
4px 4px #07591B; box-shadow:4px 4px 4px  
4px #07591B }
```

# Background

The CSS property to change the background color of an element to Hex 07591B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07591B }
```

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

```
.background{ background-color:#07591B }
```

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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