

# Converting Colors

Hex(0B710E)

Have a look what the booklet for  
Hex(0B710E) contains.

<b>Hex(0B710E)</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(0B710E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B710E
RGB	11, 113, 14
RGB Percent	4%, 44%, 5%
CMY	0.9569, 0.5569, 0.9451
CMYK	0.90, 0.00, 0.88, 0.56
HSL	122°, 82%, 24%
HSV	122°, 90%, 44%
XYZ	6.1224, 11.9131, 2.3922
YIQ	71.2160, -29.0130, -52.4130

# Conversions

## Conversions Part 2

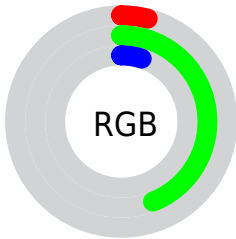
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 110, 113
Decimal	749838
CIELab	41.08, -45.59, 42.39
CIELCh	41, 62.258, 137.083
Yxy	11.9131, 0.2997, 0.5832
Android (android.graphics.Color)	4278939918 (0xFF0B710E)
YUV	71.2160, -28.2075, -52.8094
Hunter-Lab	34.5154, -28.7392, 20.0514

# Details

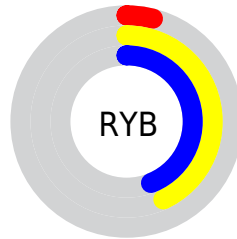
The Hex color **0B710E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **710B6E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4FA643**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **007103**, and if you desaturate by 10%, it is **167119**.

# Distribution



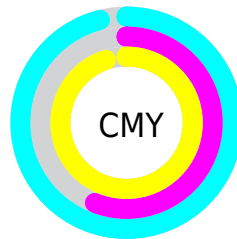
- Red (4%)
- Green (44%)
- Blue (5%)



- Red (4%)
- Yellow (43%)
- Blue (44%)



- Cyan (90%)
- Magenta (0%)
- Yellow (88%)
- Black (56%)



- Cyan (96%)
- Magenta (56%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B710E 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 0B710E by changing the saturation by 10% instead.



 0B710E

 0B710E

FFFFFF

 005800

 4FA643

 003F00

 6BC25D

 002A00

 87DE77

 000700

 A4FB91

 000000

 C0FFAC

 DDFFC8

 FBFFE5

 0B710E

 0B710E

■ 007103

■ 167119

■ 227124

■ 2D712F

■ 38713A

■ 447145

■ 4F7150

■ 5A715B

■ 657166

■ 717171

# Harmonies

## Analogous

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



5B6700



0B710E



007648

# Triad

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



0B710E



006DC5



B92246

# Complementary

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



0B710E



710B6E

# 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.



B02579



0B710E



0F5DC4

# Square

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



0B710E



0075AB



8643A7



A93E14

# Rectangle

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



0B710E



00776C



8643A7



B91E57



# Sweetspot

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



0B710E



6C946D



6F710B



324A33



C9C9C9



4A4A4A



# Same Dimension

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



0B710E



009404



0B7140



323833



007804



00F707



# Inverse Universe

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



710B6E



940090



710B3C



383238



780074

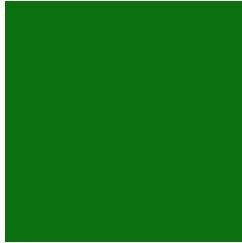


F700F0



# Previews

## White Background



This preview shows how the Hex color 0B710E looks on a white background.

## Color Contrast Check

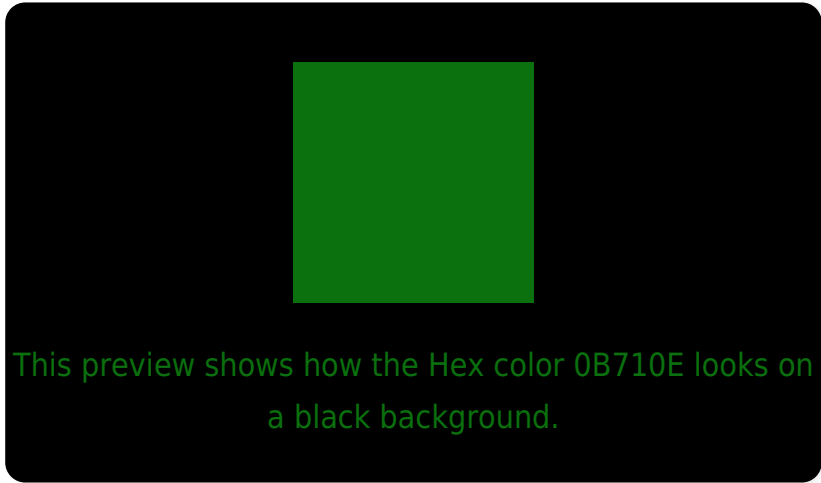
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 0B710E Background



This preview shows how black text looks on a background with the Hex color 0B710E.



This preview shows how white text looks on a background with the Hex color 0B710E.

# 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**  
0B710E

**Protanopia**  
6D6108

**Deuteranopia**  
795C1C



**Tritanopia**  
306972

# Trichromacy



**Original Color**  
0B710E



**Protanomaly**  
49670A



**Deuteranomaly**  
516417



**Tritanomaly**  
236C4E

# Monochromacy



**Original Color**  
0B710E



**Achromatopsia**  
474747



**Achromatomaly**  
315632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B710E 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 #0B710E looks like.

```
.text, #text, p{  
    color:#0B710E  
}
```

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 #0B710E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B710E
}
```

## Border

The CSS property to change the border of an element to Hex 0B710E is called "border". The border property can be set on classes, ids or directly on the HTML element.

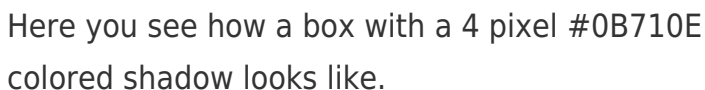
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B710E }
```

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

```
.border{ border-color:#0B710E }
```

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



Here you see how a box with a 4 pixel #0B710E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B710E; -webkit-box-shadow:4px 4px  
4px 4px #0B710E; box-shadow:4px 4px 4px  
4px #0B710E }
```

# Background

The CSS property to change the background color of an element to Hex 0B710E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B710E }
```

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

```
.background{ background-color:#0B710E }
```

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