

Converting Colors

Hex(00710B)

Have a look what the booklet for
Hex(00710B) contains.

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Color

Hex(00710B)

Conversions

Conversions Part 1

Format	Color
Hex	00710B
RGB	0, 113, 11
RGB Percent	0%, 44%, 4%
CMY	1.0000, 0.5569, 0.9569
CMYK	1.00, 0.00, 0.90, 0.56
HSL	126°, 100%, 22%
HSV	126°, 100%, 44%
XYZ	5.9655, 11.8344, 2.2865
YIQ	67.5850, -34.6060, -55.6780

Conversions

Conversions Part 2

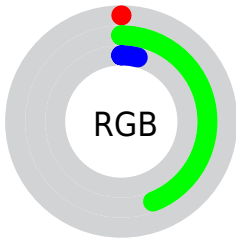
Format	Color
RYB	0, 103, 113
Decimal	28939
CIELab	40.95, -46.78, 43.01
CIELCh	41, 63.548, 137.400
Yxy	11.8344, 0.2970, 0.5892
Android (android.graphics.Color)	4278219019 (0xFF00710B)
YUV	67.5850, -27.8964, -59.2720
Hunter-Lab	34.4012, -29.2483, 20.1401

Details

The Hex color **00710B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **710066**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4CA642**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **00710B**, and if you desaturate by 10%, it is **0B7115**.

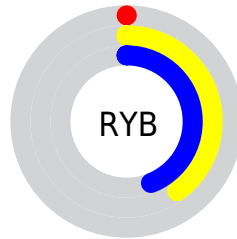
Distribution



Red (0%)

Green (44%)

Blue (4%)



Red (0%)

Yellow (40%)

Blue (44%)

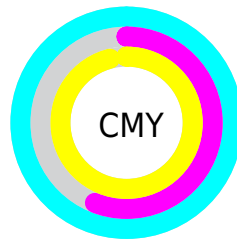


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (56%)



Cyan (100%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00710B 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 00710B by changing the saturation by 10% instead.

 00710B

 00710B

FFFFFF

 005800

 4CA642

 003F00

 68C25B

 002A00

 84DE75

 000700

 A1FB90

 000000

 BDFFAB

 DAFFC7

 F8FFE3

 00710B

 0B7115

 17711F

 22712A

 2D7134

 39713E

 447148

 4F7152

 5A715D

 667167

Harmonies

Analogous

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



596700



00710B



007648

Triad

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



00710B



006DC7



BA1F45

Complementary

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



00710B



710066

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.



B12279



00710B



075DC5

Square

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



00710B



0075AD



8742A8



AA3C11

Rectangle

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



00710B



00776D



8742A8



BA1956

Sweetspot

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



00710B



68946C



687100



2F4A32



C9C9C9



4A4A4A

Same Dimension

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



00710B



00940E



007142



323833



00780C



00F718

Inverse Universe

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



710066



940086



71002F



383238



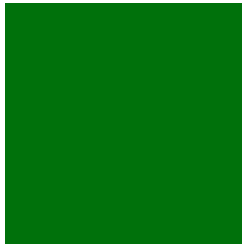
78006C



F700DF

Previews

White Background



This preview shows how the Hex color 00710B looks on a white background.

Color Contrast Check

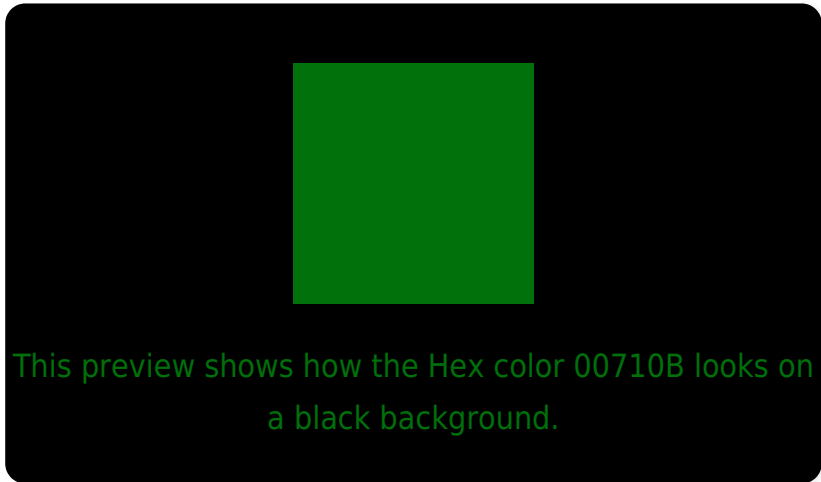
Large Text (above 18pt) WCAG AA ✓ Pass

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 00710B Background



This preview shows how black text looks on a background with the Hex color 00710B.



This preview shows how white text looks on a background with the Hex color 00710B.

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
00710B

Protanopia
6D6100

Deuteranopia
795C1A



Tritanopia
2F6972

Trichromacy



Original Color
00710B



Protanomaly
456704



Deuteranomaly
4D6415



Tritanomaly
1E6C4D

Monochromacy



Original Color
00710B



Achromatopsia
444444



Achromatomaly
2B542F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00710B 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 #00710B looks like.

```
.text, #text, p{  
    color:#00710B  
}
```

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 #00710B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00710B
}
```

Border

The CSS property to change the border of an element to Hex 00710B 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".

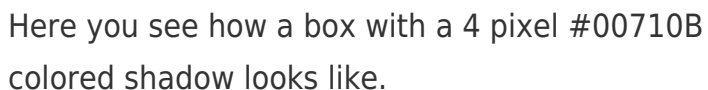
```
.border, #border, table{ border:4px solid
#00710B }
```

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

```
.border{ border-color:#00710B }
```

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

Here you see how a box with a 4 pixel #00710B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00710B; -webkit-box-shadow:4px 4px  
4px 4px #00710B; box-shadow:4px 4px 4px  
4px #00710B }
```

Background

The CSS property to change the background color of an element to Hex 00710B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00710B }
```

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

```
.background{ background-color:#00710B }
```

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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