

Converting Colors

Hex(B0740E)

Have a look what the booklet for
Hex(B0740E) contains.

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Color

Hex(B0740E)

Conversions

Conversions Part 1

Format	Color
Hex	B0740E
RGB	176, 116, 14
RGB Percent	69%, 45%, 5%
CMY	0.3098, 0.5451, 0.9451
CMYK	0.00, 0.34, 0.92, 0.31
HSL	38°, 85%, 37%
HSV	38°, 92%, 69%
XYZ	24.2292, 21.7526, 3.3371
YIQ	122.3120, 68.5020, -19.0020

Conversions

Conversions Part 2

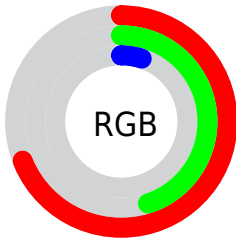
Format	Color
R _Y B	109, 176, 14
Decimal	11564046
CIE Lab	53.76, 16.33, 57.69
CIE LCh	54, 59.958, 74.198
Yxy	21.7526, 0.4913, 0.4411
Android (android.graphics.Color)	4289754126 (0xFFB0740E)
YUV	122.3120, -53.3978, 47.0844
Hunter-Lab	46.6397, 11.1107, 28.4055

Details

The Hex color **B0740E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0E4AB0**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ECA848**, and **764400** is the 20% darker color. If you saturate the color by 10%, you get **B06F00**, and if you desaturate by 10%, it is **B07B20**.

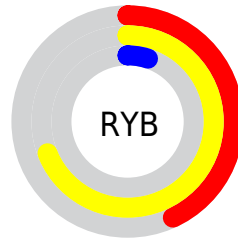
Distribution



Red (69%)

Green (45%)

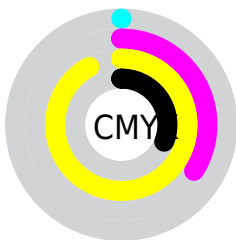
Blue (5%)



Red (43%)

Yellow (69%)

Blue (5%)

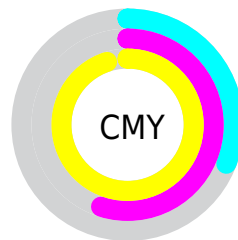


Cyan (0%)

Magenta (34%)

Yellow (92%)

Black (31%)



Cyan (31%)

Magenta (55%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0740E 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 B0740E by changing the saturation by 10% instead.

 B0740E

 B0740E

FFFFFF

 935B00

 ECA848

 764400

 FFC362

 5A2E00

 FFDF7D

 3E1800

 FFFC98

 260000

 FFFFB4

 000000

 FFFF00

 FFFFED

 B0740E

 B0740E

 B06F00

 B07B20

 B08131

 B08843

 B08E54

 B09566

 B09B78

 B0A289

 B0A89B

 B0AFAC

Harmonies

Analogous

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



D05E3A



B0740E



838600

Triad

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



B0740E



009998



A267CB

Complementary

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



B0740E



0E4AB0

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.



417EE5



B0740E



0096C8

Square

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



B0740E



009762



008EE4



CF519E

Rectangle

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



B0740E



5D8E20



008EE4



8A6FD7

Sweetspot

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



B0740E



E6CEA5



B00E4C



73644C



F2F2F2



737373

Same Dimension

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



B0740E



E69100



9DB00E



595650



996000



1A1000

Inverse Universe

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



0E4AB0



0055E6



210EB0



505459



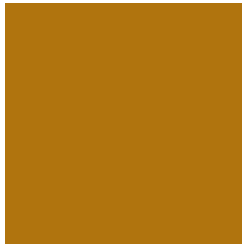
003999



00091A

Previews

White Background



This preview shows how the Hex color B0740E looks on a white background.

Color Contrast Check

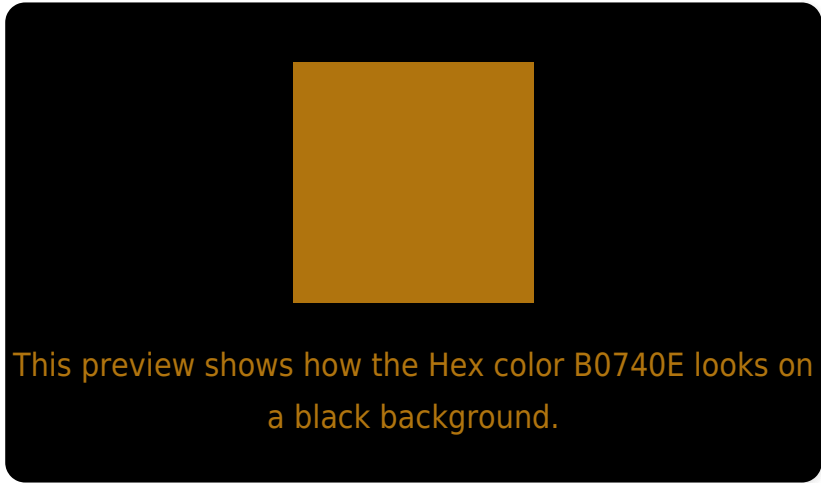
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex B0740E Background



This preview shows how black text looks on a background with the Hex color B0740E.



This preview shows how white text looks on a background with the Hex color B0740E.

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
B0740E

Protanopia
918113

Deuteranopia
A37A00



Tritanopia
B56C74

Trichromacy



Original Color
B0740E

Protanomaly
9C7C11

Deuteranomaly
A87805

Tritanomaly
B36F4F

Monochromacy



Original Color
B0740E

Achromatopsia
7A7A7A

Achromatomaly
8E7853

CSS Examples

Text

The CSS property to change the color of the text to Hex B0740E 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 #B0740E looks like.

```
.text, #text, p{  
    color:#B0740E  
}
```

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 #B0740E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0740E
}
```

Border

The CSS property to change the border of an element to Hex B0740E 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
#B0740E }
```

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

```
.border{ border-color:#B0740E }
```

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

Here you see how a box with a 4 pixel #B0740E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0740E; -webkit-box-shadow:4px 4px  
4px 4px #B0740E; box-shadow:4px 4px 4px  
4px #B0740E }
```

Background

The CSS property to change the background color of an element to Hex B0740E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0740E }
```

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

```
.background{ background-color:#B0740E }
```

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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