

Converting Colors

Hex(71730B)

Have a look what the booklet for
Hex(71730B) contains.

Hex(71730B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71730B)

Conversions

Conversions Part 1

Format	Color
Hex	71730B
RGB	113, 115, 11
RGB Percent	44%, 45%, 4%
CMY	0.5569, 0.5490, 0.9569
CMYK	0.02, 0.00, 0.90, 0.55
HSL	61°, 83%, 25%
HSV	61°, 90%, 45%
XYZ	13.0012, 15.7963, 2.6804
YIQ	102.5460, 32.1920, -32.7680

Conversions

Conversions Part 2

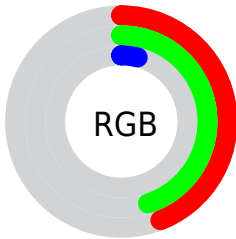
Format	Color
R_{YB}	11, 115, 13
Decimal	7435019
CIE Lab	46.71, -12.66, 49.93
CIE LCh	47, 51.514, 104.229
Yxy	15.7963, 0.4130, 0.5018
Android (android.graphics.Color)	4285625099 (0xFF71730B)
YUV	102.5460, -45.1322, 9.1682
Hunter-Lab	39.7446, -11.1624, 23.8227

Details

The Hex color **71730B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D0B73**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A8A744**, and **3D4300** is the 20% darker color. If you saturate the color by 10%, you get **717300**, and if you desaturate by 10%, it is **717316**.

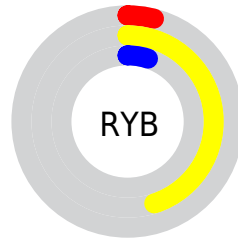
Distribution



Red (44%)

Green (45%)

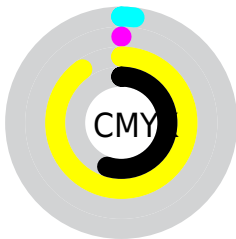
Blue (4%)



Red (4%)

Yellow (45%)

Blue (5%)

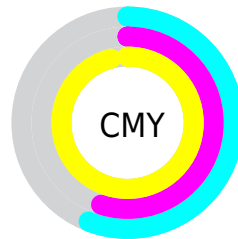


Cyan (2%)

Magenta (0%)

Yellow (90%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71730B 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 71730B by changing the saturation by 10% instead.



71730B



71730B

FFFFFF



575B00



A8A744



3D4300



C4C25E



242D00



E1DE78



051A00



FFFA93



000000



FFFFAE



FFFPCA



FFF7E7



71730B



71730B

■ 717300

■ 717316

■ 717322

■ 72732D

■ 727339

■ 727344

■ 727350

■ 73735C

■ 737367

■ 737372

Harmonies

Analogous

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



976413



71730B



3F7D2C

Triad

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



71730B



0081AA



B14887

Complementary

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



71730B



0D0B73

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.



8B5AAD



71730B



007AC2

Square

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



71730B



008383



3E6DC3



BD455C

Rectangle

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



71730B



008047



3E6DC3



A74D95

Sweetspot

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



71730B



96966E



730D0B



4C4D34



CCCCCC



4D4D4D

Same Dimension

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



71730B



949600



3D730B



3B3B35



787A00



F5FA00

Inverse Universe

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



0D0B73



030096



410B73



35353B



02007A



0500FA

Previews

White Background



This preview shows how the Hex color 71730B looks on a white background.

Color Contrast Check

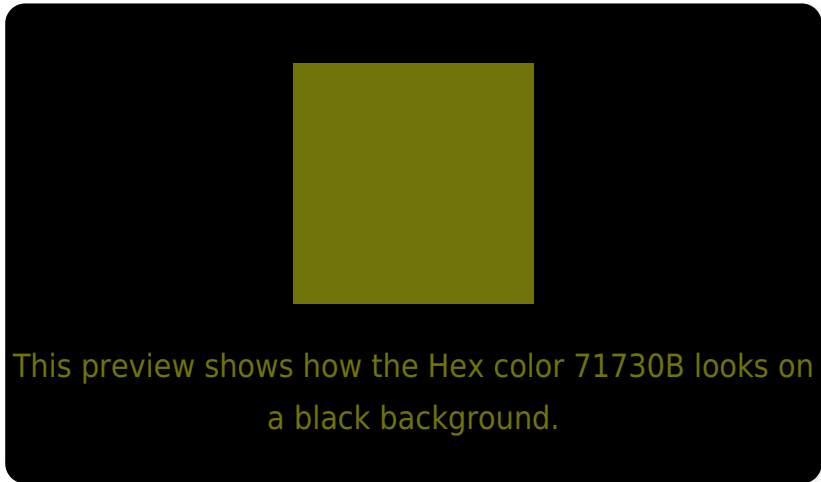
Large Text (above 18pt) WCAG AA ✓ Pass

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

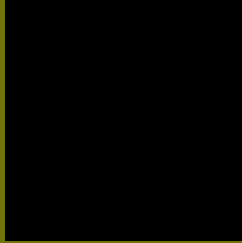
Any Text WCAG AA × Fail

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 71730B Background



This preview shows how black text looks on a background with the Hex color 71730B.



This preview shows how white text looks on a background with the Hex color 71730B.

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
71730B

Protanopia
7D6F09

Deuteranopia
8C6914



Tritanopia
796B73

Trichromacy



Original Color
71730B

Protanomaly
79700A

Deuteranomaly
826D11

Tritanomaly
766E4D

Monochromacy



Original Color
71730B

Achromatopsia
676767

Achromatomaly
6B6B46

CSS Examples

Text

The CSS property to change the color of the text to Hex 71730B 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 #71730B looks like.

```
.text, #text, p{  
    color:#71730B  
}
```

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 #71730B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71730B
}
```

Border

The CSS property to change the border of an element to Hex 71730B 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
#71730B }
```

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

```
.border{ border-color:#71730B }
```

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

Here you see how a box with a 4 pixel #71730B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71730B; -webkit-box-shadow:4px 4px  
4px 4px #71730B; box-shadow:4px 4px 4px  
4px #71730B }
```

Background

The CSS property to change the background color of an element to Hex 71730B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71730B }
```

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

```
.background{ background-color:#71730B }
```

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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