

Converting Colors

Hex(71100B)

Have a look what the booklet for
Hex(71100B) contains.

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Color

Hex(71100B)

Conversions

Conversions Part 1

Format	Color
Hex	71100B
RGB	113, 16, 11
RGB Percent	44%, 6%, 4%
CMY	0.5569, 0.9373, 0.9569
CMYK	0.00, 0.86, 0.90, 0.56
HSL	3°, 82%, 24%
HSV	3°, 90%, 44%
XYZ	7.0557, 3.9055, 0.6986
YIQ	44.4330, 59.4170, 19.0090

Conversions

Conversions Part 2

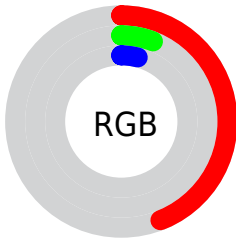
Format	Color
R_{YB}	113, 16, 11
Decimal	7409675
CIE Lab	23.36, 40.50, 30.28
CIE LCh	23, 50.566, 36.783
Yxy	3.9055, 0.6051, 0.3350
Android (android.graphics.Color)	4285599755 (0xFF71100B)
YUV	44.4330, -16.4825, 60.1333
Hunter-Lab	19.7622, 29.1463, 11.7378

Details

The Hex color **71100B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B6C71**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **AC4636**, and **390000** is the 20% darker color. If you saturate the color by 10%, you get **710600**, and if you desaturate by 10%, it is **711B16**.

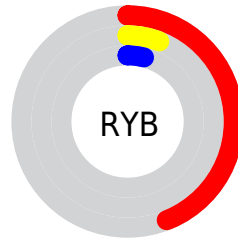
Distribution



Red (44%)

Green (6%)

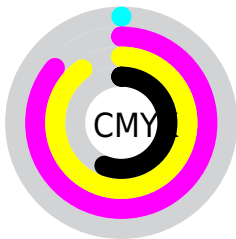
Blue (4%)



Red (44%)

Yellow (6%)

Blue (4%)

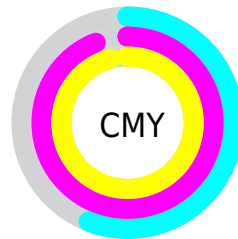


Cyan (0%)

Magenta (86%)

Yellow (90%)

Black (56%)



Cyan (56%)


Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71100B 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 71100B by changing the saturation by 10% instead.

 71100B

 71100B

 FFFFEC

 550000

 AC4636

 390000

 C9604E

 180001

 E87A66


 000000


 FF957F

 FFB099

 FFCCB4

 FFE9D0

 71100B

 71100B

■ 710600

■ 711B16

■ 712522

■ 71302D

■ 713B38

■ 714644

■ 71504F

■ 715B5A

■ 716665

■ 717171

Harmonies

Analogous

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



770031



71100B



5C2A00

Triad

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



71100B



004517



003A84

Complementary

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



71100B



0B6C71

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.



00447E



71100B



004740

Square

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



71100B



134100



004765



402875

Rectangle

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



71100B



493500



004765



003E84

Sweetspot

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



71100B



946E6C



710B6E



4A3332



C9C9C9



4A4A4A

Same Dimension

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



71100B



940700



71410B



383332



780600



F70C00

Inverse Universe

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



0B6C71



008D94



0B3B71



323838



007278



00EBF7

Previews

White Background



This preview shows how the Hex color 71100B looks on a white background.

Color Contrast Check

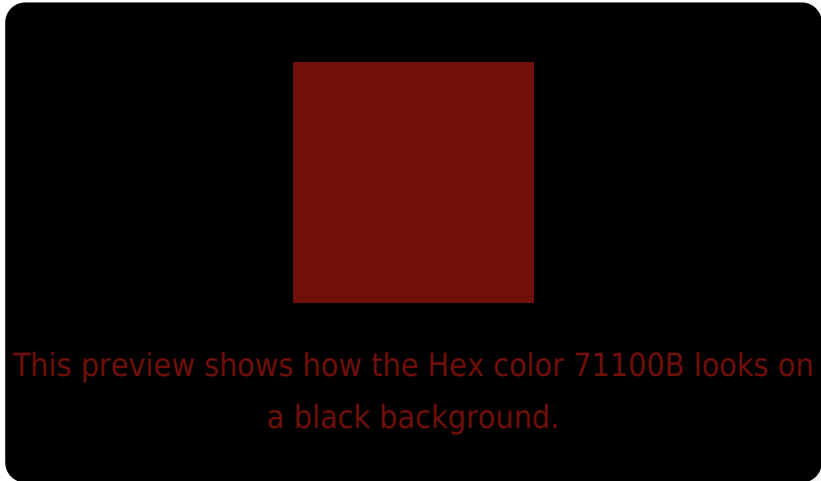
Large Text (above 18pt) WCAG AA ✓ Pass

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 71100B Background



This preview shows how black text looks on a background with the Hex color 71100B.



This preview shows how white text looks on a background with the Hex color 71100B.

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

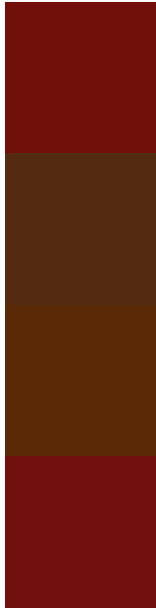


Original Color
71100B

Protanopia
413A14

Deuteranopia
493700

Trichromacy



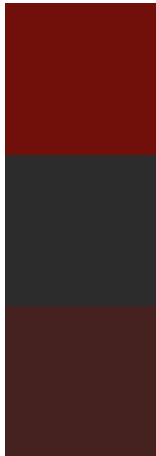
Original Color
71100B

Protanomaly
522B11

Deuteranomaly
582904

Tritanomaly
71100D

Monochromacy



Original Color
71100B

Achromatopsia
2C2C2C

Achromatomaly
452220

CSS Examples

Text

The CSS property to change the color of the text to Hex 71100B 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 #71100B looks like.

```
.text, #text, p{  
    color:#71100B  
}
```

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 #71100B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71100B
}
```

Border

The CSS property to change the border of an element to Hex 71100B 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".

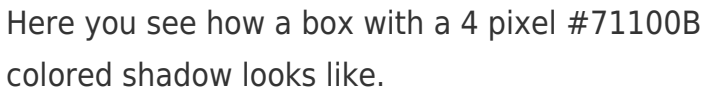
```
.border, #border, table{ border:4px solid
#71100B }
```

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

```
.border{ border-color:#71100B }
```

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

Here you see how a box with a 4 pixel #71100B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71100B; -webkit-box-shadow:4px 4px  
4px 4px #71100B; box-shadow:4px 4px 4px  
4px #71100B }
```

Background

The CSS property to change the background color of an element to Hex 71100B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71100B }
```

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

```
.background{ background-color:#71100B }
```

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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