

Converting Colors

Hex(6B1703)

Have a look what the booklet for
Hex(6B1703) contains.

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Color

Hex(6B1703)

Conversions

Conversions Part 1

Format	Color
Hex	6B1703
RGB	107, 23, 3
RGB Percent	42%, 9%, 1%
CMY	0.5804, 0.9098, 0.9882
CMYK	0.00, 0.79, 0.97, 0.58
HSL	12°, 95%, 22%
HSV	12°, 97%, 42%
XYZ	6.3862, 3.7452, 0.4724
YIQ	45.8360, 56.4840, 11.5880

Conversions

Conversions Part 2

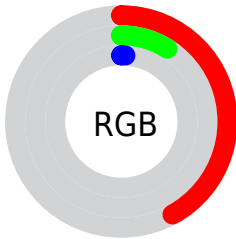
Format	Color
RYB	107, 28, 3
Decimal	7018243
CIELab	22.81, 35.98, 32.57
CIELCh	23, 48.535, 42.150
Yxy	3.7452, 0.6023, 0.3532
Android (android.graphics.Color)	4285208323 (0xFF6B1703)
YUV	45.8360, -21.1181, 53.6408
Hunter-Lab	19.3524, 25.0376, 12.0993

Details

The Hex color **6B1703** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03576B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **A54A31**, and **340000** is the 20% darker color. If you saturate the color by 10%, you get **6B1500**, and if you desaturate by 10%, it is **6B200E**.

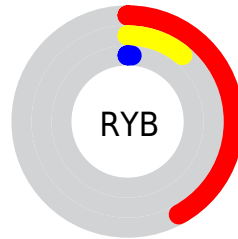
Distribution



Red (42%)

Green (9%)

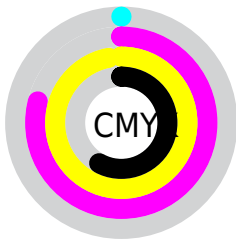
Blue (1%)



Red (42%)

Yellow (11%)

Blue (1%)

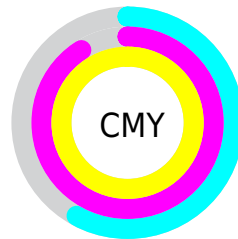


Cyan (0%)

Magenta (79%)

Yellow (97%)

Black (58%)



Cyan (58%)

Magenta (91%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1703 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 6B1703 by changing the saturation by 10% instead.

 6B1703

 6B1703

 FFFFE6

 4F0000

 A54A31

 340000

 C26348

 0D0000

 E17D60

 000000

 FF9779

 FFB393

 FFCEAE

 FFEBC9

 6B1703

 6B1703

■ 6B1500

■ 6B200E

■ 6B2818

■ 6B3123

■ 6B3A2E

■ 6B4239

■ 6B4B43

■ 6B534E

■ 6B5C59

■ 6B6563

Harmonies

Analogous

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



74002A



6B1703



552D00

Triad

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



6B1703



00441F



00367E

Complementary

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



6B1703



03576B

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.



00417C



6B1703



004545

Square

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



6B1703



054100



004567



48246D

Rectangle

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



6B1703



423600



004567



003B80

Sweetspot

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



6B1703



8C6B64



6B0358



47332E



C7C7C7



474747

Same Dimension

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



6B1703



8C1B00



6B4A03



363130



751700



F52F00

Inverse Universe

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



03576B



00718C



03246B



303536



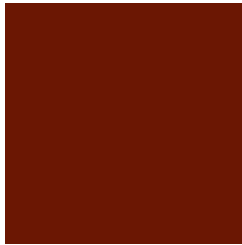
005F75



00C6F5

Previews

White Background



This preview shows how the Hex color 6B1703 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

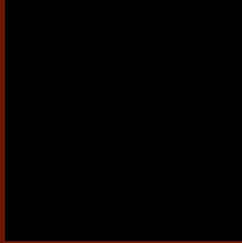
Any Text WCAG AA × Fail

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 6B1703 Background



This preview shows how black text looks on a background with the Hex color 6B1703.



This preview shows how white text looks on a background with the Hex color 6B1703.

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
6B1703

Protanopia
40390D

Deuteranopia
473600



Tritanopia
6B1616

Trichromacy



Original Color
6B1703

Protanomaly
502D09

Deuteranomaly
542B01

Tritanomaly
6B160F

Monochromacy



Original Color
6B1703

Achromatopsia
2E2E2E

Achromatomaly
44261E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1703 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 #6B1703 looks like.

```
.text, #text, p{  
    color:#6B1703  
}
```

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 #6B1703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1703
}
```

Border

The CSS property to change the border of an element to Hex 6B1703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

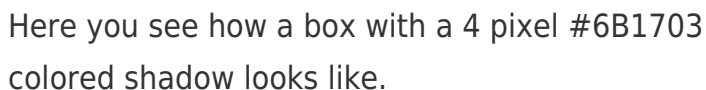
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1703 }
```

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

```
.border{ border-color:#6B1703 }
```

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



Here you see how a box with a 4 pixel #6B1703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1703; -webkit-box-shadow:4px 4px  
4px 4px #6B1703; box-shadow:4px 4px 4px  
4px #6B1703 }
```

Background

The CSS property to change the background color of an element to Hex 6B1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1703 }
```

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

```
.background{ background-color:#6B1703 }
```

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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