

Converting Colors

Hex(B01106)

Have a look what the booklet for
Hex(B01106) contains.

Hex(B01106)	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(B01106)

Conversions

Conversions Part 1

Format	Color
Hex	B01106
RGB	176, 17, 6
RGB Percent	69%, 7%, 2%
CMY	0.3098, 0.9333, 0.9765
CMYK	0.00, 0.90, 0.97, 0.31
HSL	4°, 93%, 36%
HSV	4°, 97%, 69%
XYZ	18.1378, 9.6442, 1.0778
YIQ	63.2870, 98.2950, 30.2870

Conversions

Conversions Part 2

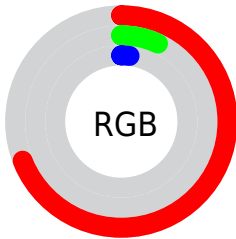
Format	Color
R_{YB}	176, 18, 6
Decimal	11538694
CIE _{Lab}	37.20, 58.57, 48.77
CIE _{LCh}	37, 76.219, 39.786
Yxy	9.6442, 0.6285, 0.3342
Android (android.graphics.Color)	4289728774 (0xFFB01106)
YUV	63.2870, -28.2425, 98.8493
Hunter-Lab	31.0550, 49.9073, 19.6807

Details

The Hex color **B01106** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **06A5B0**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **F05437**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **B00B00**, and if you desaturate by 10%, it is **B02118**.

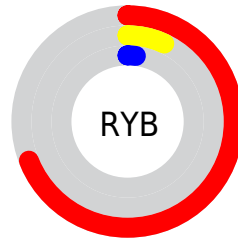
Distribution



Red (69%)

Green (7%)

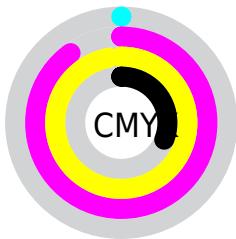
Blue (2%)



Red (69%)

Yellow (7%)

Blue (2%)

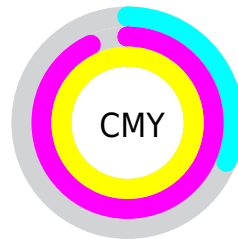


Cyan (0%)

Magenta (90%)

Yellow (97%)

Black (31%)



Cyan (31%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B01106 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 B01106 by changing the saturation by 10% instead.

 B01106

 B01106

 FFFFEF

 910000

 F05437

 710000

 FF704F

 530000

 FF8C68

 370002

 FFA881

 090000

 FFC59C

 000000

 FFE2B7

 FFFFD3

 B01106

 B01106

 B00B00

 B02118

 B03229

 B0423B

 B0534C

 B0635E

 B07470

 B08481

 B09593

 B0A5A4

Harmonies

Analogous

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



BE0047



B01106



8C4400

Triad

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



B01106



006D29



005AD3

Complementary

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



B01106



06A5B0

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.



006ACD



B01106



006F6B

Square

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



B01106



006800



006FA6



6C3AB8

Rectangle

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



B01106



6C5500



006FA6



0061D5

Sweetspot

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



B01106



E6A7A3



B006A8



734D4B



F2F2F2



737373

Same Dimension

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



B01106



E60F00



B06306



595150



990A00



1A0200

Inverse Universe

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



06A5B0



00D7E6



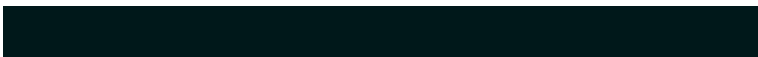
0653B0



505959



008F99



00181A

Previews

White Background



This preview shows how the Hex color B01106 looks on a white background.

Color Contrast Check

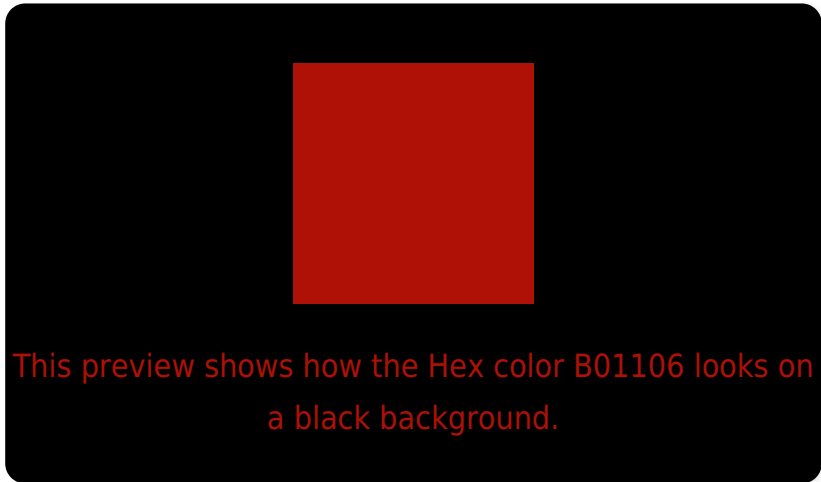
Large Text (above 18pt) WCAG AA ✓ Pass

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 B01106 Background



This preview shows how black text looks on a background with the Hex color B01106.



This preview shows how white text looks on a background with the Hex color B01106.

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
B01106

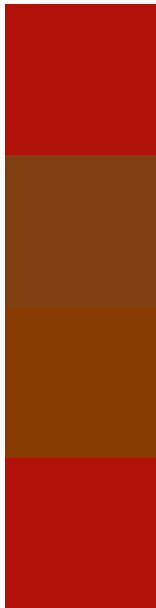
Protanopia
655A18

Deuteranopia
715500



Tritanopia
B01108

Trichromacy



Original Color
B01106

Protanomaly
803F11

Deuteranomaly
883C02

Tritanomaly
B01107

Monochromacy



Original Color
B01106

Achromatopsia
3F3F3F

Achromatomaly
682E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex B01106 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 #B01106 looks like.

```
.text, #text, p{  
    color:#B01106  
}
```

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 #B01106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B01106
}
```

Border

The CSS property to change the border of an element to Hex B01106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

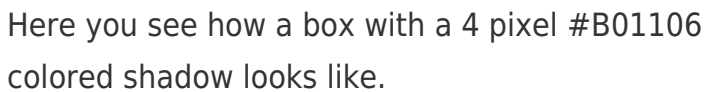
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B01106 }
```

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

```
.border{ border-color:#B01106 }
```

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



Here you see how a box with a 4 pixel #B01106 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B01106; -webkit-box-shadow:4px 4px  
4px 4px #B01106; box-shadow:4px 4px 4px  
4px #B01106 }
```

Background

The CSS property to change the background color of an element to Hex B01106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B01106 }
```

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

```
.background{ background-color:#B01106 }
```

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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