

Converting Colors

Hex(B50602)

Have a look what the booklet for
Hex(B50602) contains.

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Color

Hex(B50602)

Conversions

Conversions Part 1

Format	Color
Hex	B50602
RGB	181, 6, 2
RGB Percent	71%, 2%, 1%
CMY	0.2902, 0.9765, 0.9922
CMYK	0.00, 0.97, 0.99, 0.29
HSL	1°, 98%, 36%
HSV	1°, 99%, 71%
XYZ	19.1321, 9.9584, 0.9712
YIQ	57.8690, 105.5840, 35.8560

Conversions

Conversions Part 2

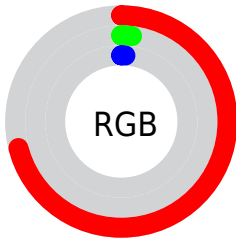
Format	Color
RYB	181, 6, 2
Decimal	11863554
CIELab	37.77, 61.27, 51.23
CIElCh	38, 79.865, 39.896
Yxy	9.9584, 0.6364, 0.3313
Android (android.graphics.Color)	4290053634 (0xFFB50602)
YUV	57.8690, -27.5434, 107.9859
Hunter-Lab	31.5569, 52.9953, 20.2651

Details

The Hex color **B50602** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **02B1B5**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **F65133**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B50400**, and if you desaturate by 10%, it is **B51814**.

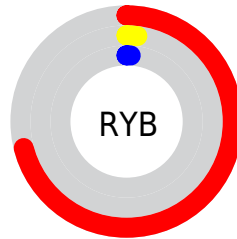
Distribution



Red (71%)

Green (2%)

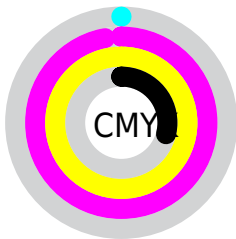
Blue (1%)



Red (71%)

Yellow (2%)

Blue (1%)

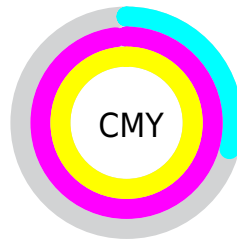


Cyan (0%)

Magenta (97%)

Yellow (99%)

Black (29%)



Cyan (29%)

Magenta (98%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B50602 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 B50602 by changing the saturation by 10% instead.

 B50602

 B50602

 FFFFEC

 950000

 F65133

 760000

 FF6E4C

 570000

 FF8A64

 3B0002

 FFA77E

 140000

 FFC499

 000000

 FFE1B4

 FFFF00

 B50602

 B50602

 B50400

 B51814

 B52926

 B53B38

 B54D4A

 B55E5D

 B5706F

 B58281

 B59493

 B5A5A5

Harmonies

Analogous

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



C40047



B50602



8F4400

Triad

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



B50602



006F28



005CDB

Complementary

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



B50602



02B1B5

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.



006CD4



B50602



00726E

Square

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



B50602



006A00



0072AC



6F39BE

Rectangle

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



B50602



6D5700



0072AC



0063DD

Sweetspot

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



B50602



EBA6A4



B502B2



754C4B



F5F5F5



757575

Same Dimension

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



B50602



EB0500



B55E02



595150



990300



1A0100

Inverse Universe

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



02B1B5



00E5EB



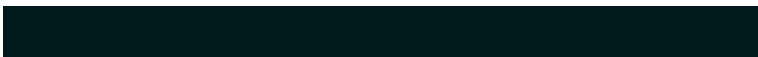
0259B5



505959



009699



00191A

Previews

White Background



This preview shows how the Hex color B50602 looks on a white background.

Color Contrast Check

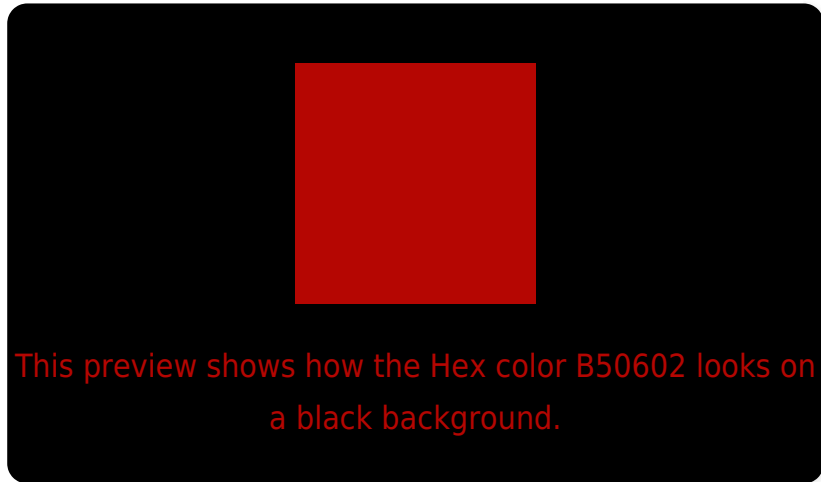
Large Text (above 18pt) WCAG AA ✓ Pass

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 B50602 Background



This preview shows how black text looks on a background with the Hex color B50602.



This preview shows how white text looks on a background with the Hex color B50602.

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
B50602

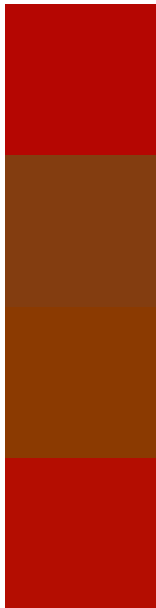
Protanopia
675C18

Deuteranopia
735700



Tritanopia
B41100

Trichromacy



Original Color
B50602

Protanomaly
833D10

Deuteranomaly
8B3A01

Tritanomaly
B40D01

Monochromacy



Original Color
B50602

Achromatopsia
3A3A3A

Achromatomaly
672726

CSS Examples

Text

The CSS property to change the color of the text to Hex B50602 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 #B50602 looks like.

```
.text, #text, p{  
    color:#B50602  
}
```

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 #B50602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50602
}
```

Border

The CSS property to change the border of an element to Hex B50602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

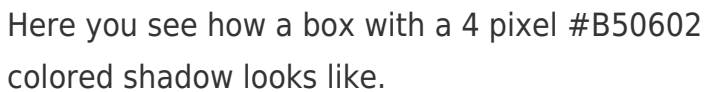
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B50602 }
```

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

```
.border{ border-color:#B50602 }
```

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



Here you see how a box with a 4 pixel #B50602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50602; -webkit-box-shadow:4px 4px  
4px 4px #B50602; box-shadow:4px 4px 4px  
4px #B50602 }
```

Background

The CSS property to change the background color of an element to Hex B50602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50602 }
```

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

```
.background{ background-color:#B50602 }
```

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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