

Converting Colors

Hex(B50015)

Have a look what the booklet for
Hex(B50015) contains.

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Color

Hex(B50015)

Conversions

Conversions Part 1

Format	Color
Hex	B50015
RGB	181, 0, 21
RGB Percent	71%, 0%, 8%
CMY	0.2902, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.88, 0.29
HSL	353°, 100%, 35%
HSV	353°, 100%, 71%
XYZ	19.1914, 9.8779, 1.6046
YIQ	56.5130, 101.1350, 44.9030

Conversions

Conversions Part 2

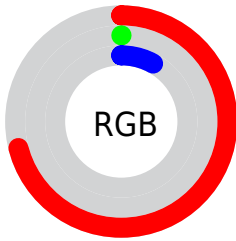
Format	Color
R_{YB}	181, 0, 21
Decimal	11862037
CIE Lab	37.62, 62.20, 43.42
CIE LCh	38, 75.856, 34.916
Yxy	9.8779, 0.6257, 0.3220
Android (android.graphics.Color)	4290052117 (0xFFB50015)
YUV	56.5130, -17.5079, 109.1751
Hunter-Lab	31.4291, 53.9956, 18.9734

Details

The Hex color **B50015** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00B5A0**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **F55042**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B50015**, and if you desaturate by 10%, it is **B51225**.

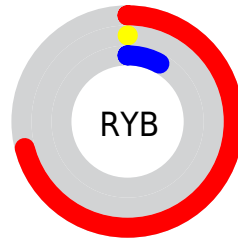
Distribution



Red (71%)

Green (0%)

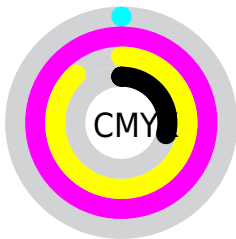
Blue (8%)



Red (71%)

Yellow (0%)

Blue (8%)

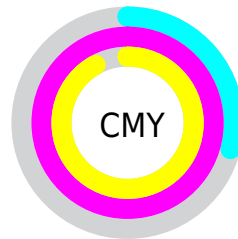


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (29%)



Cyan (29%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B50015 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 B50015 by changing the saturation by 10% instead.

 B50015

 B50015

FFFFFFC

 960000

 F55042

 760000

 FF6D5A

 570000

 FF8973

 3B0002

 FFA68D

 140000

 FFC3A8

 000000

 FFE0C3

 FFFEDF

 B50015

 B51225

 B52435

 B53645

 B54855

 B55B65

 B56D75

 B57F85

 B59195

 B5A3A5

Harmonies

Analogous

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



BE0052



B50015



944000

Triad

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



B50015



006E1E



005FD5

Complementary

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



B50015



00B5A0

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.



006CC9



B50015



007061

Square

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



B50015



1A6700



00719E



5C42BF

Rectangle

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



B50015



765300



00719E



0065D5

Sweetspot

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



B50015



EBA4AC



A000B5



754B50



F5F5F5



757575

Same Dimension

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



B50015



EB001B



B54500



595051



990012



1A0003

Inverse Universe

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



B50015



EB001B



0070B5



595051



990012



1A0003

Previews

White Background



This preview shows how the Hex color B50015 looks on a white background.

Color Contrast Check

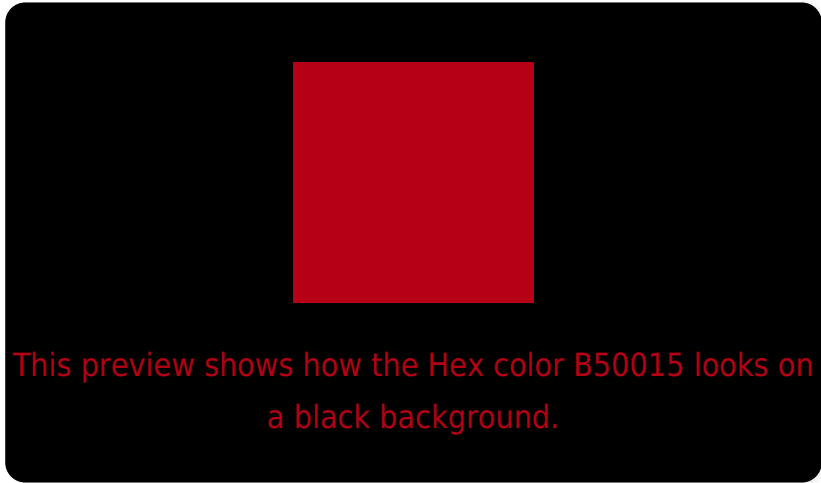
Large Text (above 18pt) WCAG AA ✓ Pass

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 B50015 Background



This preview shows how black text looks on a background with the Hex color B50015.



This preview shows how white text looks on a background with the Hex color B50015.

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





Tritanopia
B41100

Trichromacy



Original Color
B50015

Protanomaly
833B1F

Deuteranomaly
8B3708

Tritanomaly
B40B08

Monochromacy



Original Color
B50015

Achromatopsia
393939

Achromatomaly
66242C

CSS Examples

Text

The CSS property to change the color of the text to Hex B50015 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 #B50015 looks like.

```
.text, #text, p{  
    color:#B50015  
}
```

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 #B50015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50015
}
```

Border

The CSS property to change the border of an element to Hex B50015 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".

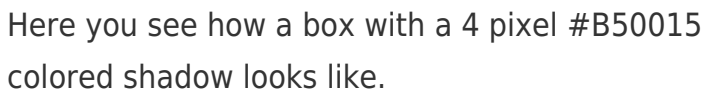
```
.border, #border, table{ border:4px solid
#B50015 }
```

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

```
.border{ border-color:#B50015 }
```

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

Here you see how a box with a 4 pixel #B50015 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The text inside the box is "Here you see how a box with a 4 pixel #B50015 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50015; -webkit-box-shadow:4px 4px  
4px 4px #B50015; box-shadow:4px 4px 4px  
4px #B50015 }
```

Background

The CSS property to change the background color of an element to Hex B50015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50015 }
```

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

```
.background{ background-color:#B50015 }
```

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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