

Converting Colors

Hex(B50713)

Have a look what the booklet for
Hex(B50713) contains.

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Color

Hex(B50713)

Conversions

Conversions Part 1

Format	Color
Hex	B50713
RGB	181, 7, 19
RGB Percent	71%, 3%, 7%
CMY	0.2902, 0.9725, 0.9255
CMYK	0.00, 0.96, 0.90, 0.29
HSL	356°, 93%, 37%
HSV	356°, 96%, 71%
XYZ	19.2496, 10.0227, 1.5361
YIQ	60.3940, 99.8520, 40.6200

Conversions

Conversions Part 2

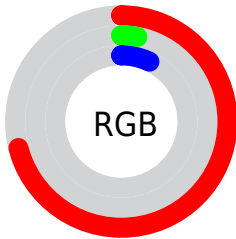
Format	Color
RYB	181, 7, 19
Decimal	11863827
CIELab	37.88, 61.37, 44.58
CIElCh	38, 75.853, 35.991
Yxy	10.0227, 0.6248, 0.3253
Android (android.graphics.Color)	4290053907 (0xFFB50713)
YUV	60.3940, -20.4072, 105.7715
Hunter-Lab	31.6587, 53.1314, 19.2843

Details

The Hex color **B50713** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **07B5A9**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **F55241**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B5000C**, and if you desaturate by 10%, it is **B51924**.

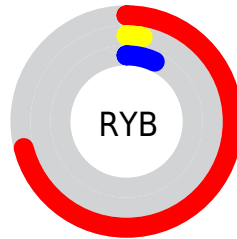
Distribution



Red (71%)

Green (3%)

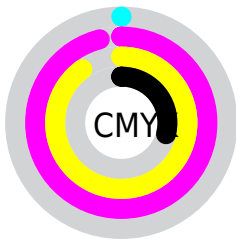
Blue (7%)



Red (71%)

Yellow (3%)

Blue (7%)

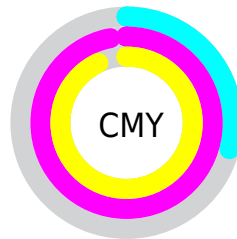


Cyan (0%)

Magenta (96%)

Yellow (90%)

Black (29%)



Cyan (29%)

Magenta (97%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B50713 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 B50713 by changing the saturation by 10% instead.

 B50713

 B50713

 FFFFFA

 960000

 F55241

 760000

 FF6F59

 570000

 FF8B72

 3B0002

 FFA78B

 140000

 FFC4A6

 000000

 FFE2C1

 FFFFDD

 B50713

 B50713

 B5000C

 B51924

 B52B35

 B53D46

 B54F56

 B56267

 B57478

 B58689

 B5989A

 B5AAAB

Harmonies

Analogous

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



BF0050



B50713



944200

Triad

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



B50713



006F22



005ED6

Complementary

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



B50713



07B5A9

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.



006DCB



B50713



007164

Square

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



B50713



156800



0071A1



6141BE

Rectangle

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



B50713



755400



0071A1



0065D6

Sweetspot

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



B50713



EBA7AB



A607B5



754C4F



F5F5F5



757575

Same Dimension

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



B50713



EB0010



B55007



595051



99000B



1A0002

Inverse Universe

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



B50713



EB0010



076DB5



595051



99000B



1A0002

Previews

White Background



This preview shows how the Hex color B50713 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B50713 Background



This preview shows how black text looks on a background with the Hex color B50713.



This preview shows how white text looks on a background with the Hex color B50713.

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
B50713

Protanopia
665C23

Deuteranopia
735700



Tritanopia
B41000

Trichromacy



Original Color
B50713

Protanomaly
833D1D

Deuteranomaly
8B3A07

Tritanomaly
B40D07

Monochromacy



Original Color
B50713

Achromatopsia
3C3C3C

Achromatomaly
68292D

CSS Examples

Text

The CSS property to change the color of the text to Hex B50713 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 #B50713 looks like.

```
.text, #text, p{  
    color:#B50713  
}
```

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 #B50713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50713
}
```

Border

The CSS property to change the border of an element to Hex B50713 is called "border". The border property can be set on classes, ids or directly on the HTML element.

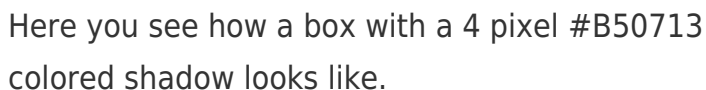
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B50713 }
```

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

```
.border{ border-color:#B50713 }
```

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



Here you see how a box with a 4 pixel #B50713 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50713; -webkit-box-shadow:4px 4px  
4px 4px #B50713; box-shadow:4px 4px 4px  
4px #B50713 }
```

Background

The CSS property to change the background color of an element to Hex B50713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50713 }
```

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

```
.background{ background-color:#B50713 }
```

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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