

Converting Colors

Hex(B5121D)

Have a look what the booklet for
Hex(B5121D) contains.

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Color

Hex(**B5121D**)

Conversions

Conversions Part 1

Format	Color
Hex	B5121D
RGB	181, 18, 29
RGB Percent	71%, 7%, 11%
CMY	0.2902, 0.9294, 0.8863
CMYK	0.00, 0.90, 0.84, 0.29
HSL	356°, 82%, 39%
HSV	356°, 90%, 71%
XYZ	19.4941, 10.3451, 2.1317
YIQ	67.9910, 93.6170, 37.9770

Conversions

Conversions Part 2

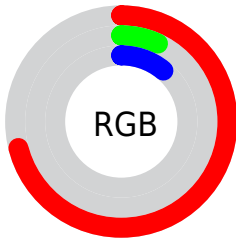
Format	Color
RYB	181, 18, 29
Decimal	11866653
CIELab	38.45, 60.15, 39.98
CIELCh	38, 72.225, 33.614
Yxy	10.3451, 0.6097, 0.3236
Android (android.graphics.Color)	4290056733 (0xFFB5121D)
YUV	67.9910, -19.2226, 99.1089
Hunter-Lab	32.1638, 51.9005, 18.5850

Details

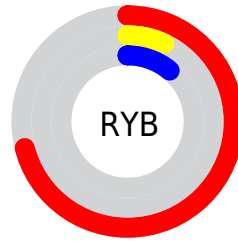
The Hex color **B5121D** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **12B5AA**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **F5564A**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B5000C**, and if you desaturate by 10%, it is **B5242E**.

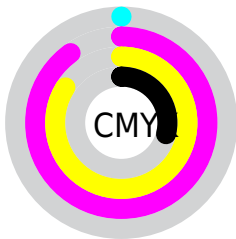
Distribution



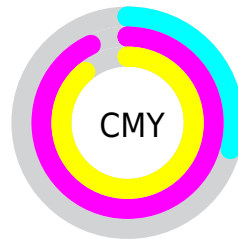
- Red (71%)
- Green (7%)
- Blue (11%)



- Red (71%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (90%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5121D 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 B5121D by changing the saturation by 10% instead.

 B5121D

 B5121D

FFFFFF

 960007

 F5564A

 770000

 FF7262

 580000

 FF8E7C

 3C0003

 FFAB96

 160000

 FFC8B0

 000000

 FFE5CC

 FFFFE8

 B5121D

 B5121D

 B5000C

 B5242E

 B5363F

 B54850

 B55A61

 B56D71

 B57F82

 B59193

 B5A3A4

 B5B5B5

Harmonies

Analogous

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



BC0056



B5121D



974200

Triad

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



B5121D



006F21



0061D2

Complementary

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



B5121D



12B5AA

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.



006EC5



B5121D



007260

Square

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



B5121D



286800



00729B



5B46BE

Rectangle

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



B5121D



7A5400



00729B



0066D1

Sweetspot

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



B5121D



EBABB0



A712B5



755052



F5F5F5



757575

Same Dimension

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



B5121D



EB0010



B55612



595051



99000A



1A0002

Inverse Universe

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



B5121D



EB0010



1271B5



595051



99000A



1A0002

Previews

White Background



This preview shows how the Hex color B5121D looks on a white background.

Color Contrast Check

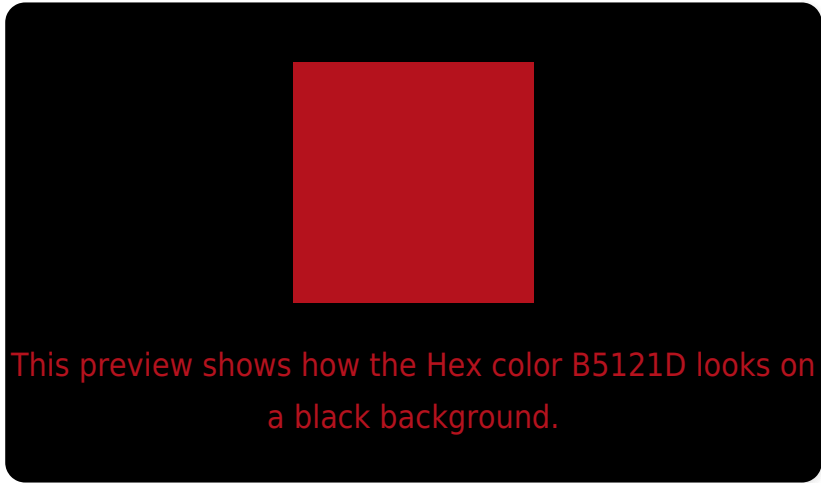
Large Text (above 18pt) WCAG AA ✓ Pass

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 B5121D Background



This preview shows how black text looks on a background with the Hex color B5121D.



This preview shows how white text looks on a background with the Hex color B5121D.

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





Trichromacy



Original Color
B5121D

Protanomaly
834128

Deuteranomaly
8C3F0E

Tritanomaly
B51314

Monochromacy



Original Color
B5121D

Achromatopsia
444444

Achromatomaly
6D3236

CSS Examples

Text

The CSS property to change the color of the text to Hex B5121D 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 #B5121D looks like.

```
.text, #text, p{  
    color:#B5121D  
}
```

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 #B5121D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5121D
}
```

Border

The CSS property to change the border of an element to Hex B5121D 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".

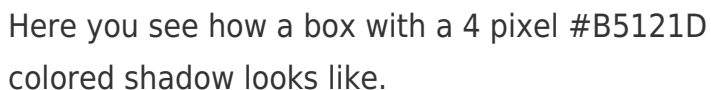
```
.border, #border, table{ border:4px solid
#B5121D }
```

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

```
.border{ border-color:#B5121D }
```

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

Here you see how a box with a 4 pixel #B5121D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5121D; -webkit-box-shadow:4px 4px  
4px 4px #B5121D; box-shadow:4px 4px 4px  
4px #B5121D }
```

Background

The CSS property to change the background color of an element to Hex B5121D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5121D }
```

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

```
.background{ background-color:#B5121D }
```

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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