

Converting Colors

Hex(B71D15)

Have a look what the booklet for
Hex(B71D15) contains.

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Color

Hex(B71D15)

Conversions

Conversions Part 1

Format	Color
Hex	B71D15
RGB	183, 29, 21
RGB Percent	72%, 11%, 8%
CMY	0.2824, 0.8863, 0.9176
CMYK	0.00, 0.84, 0.89, 0.28
HSL	3°, 79%, 40%
HSV	3°, 89%, 72%
XYZ	20.1032, 11.0002, 1.7732
YIQ	74.1340, 94.3520, 30.1600

Conversions

Conversions Part 2

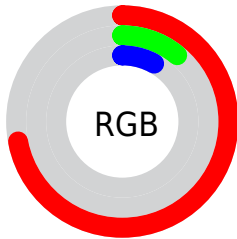
Format	Color
RYB	183, 29, 21
Decimal	12000533
CIELab	39.58, 58.33, 45.13
CIElCh	40, 73.756, 37.730
Yxy	11.0002, 0.6115, 0.3346
Android (android.graphics.Color)	4290190613 (0xFFB71D15)
YUV	74.1340, -26.1951, 95.4755
Hunter-Lab	33.1665, 50.1527, 20.0468

Details

The Hex color **B71D15** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **15AFB7**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **F75B43**, and **780000** is the 20% darker color. If you saturate the color by 10%, you get **B70C03**, and if you desaturate by 10%, it is **B72E27**.

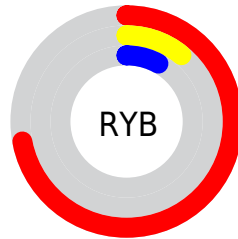
Distribution



Red (72%)

Green (11%)

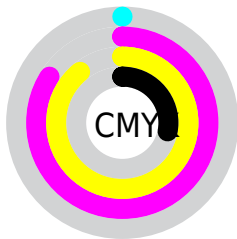
Blue (8%)



Red (72%)

Yellow (11%)

Blue (8%)

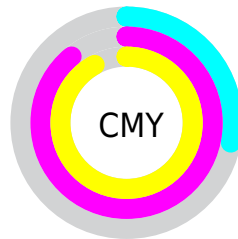


Cyan (0%)

Magenta (84%)

Yellow (89%)

Black (28%)



Cyan (28%)

Magenta (89%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B71D15 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 B71D15 by changing the saturation by 10% instead.

 B71D15

 B71D15

FFFFFFE

 980000

 F75B43

 780000

 FF775B

 5A0000

 FF9375

 3E0003

 FFB08F

 1A0001

 FFCCA9

 000000

 FFEAC5

 FFFFE1

 B71D15

 B71D15

 B70C03

 B72E27

 B70900

 B7403A

 B7514C

 B7635E

 B77471

 B78583

 B79795

 B7A8A7

 B7BABA

Harmonies

Analogous

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



C20051



B71D15



954800

Triad

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



B71D15



00732C



0061D7

Complementary

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



B71D15



15AFB7

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.



0070CE



B71D15



00756C

Square

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



B71D15



176D00



0075A6



6C44BE

Rectangle

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



B71D15



765A00



0075A6



0067D8

Sweetspot

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



B71D15



EDB0AD



B715B2



785351



F7F7F7



787878

Same Dimension

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



B71D15



ED0C00



B76B15



5C5353



9C0800



1C0100

Inverse Universe

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



15AFB7



00E1ED



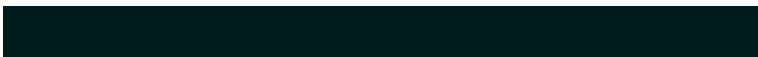
1561B7



535B5C



00949C



001B1C

Previews

White Background



This preview shows how the Hex color B71D15 looks on a white background.

Color Contrast Check

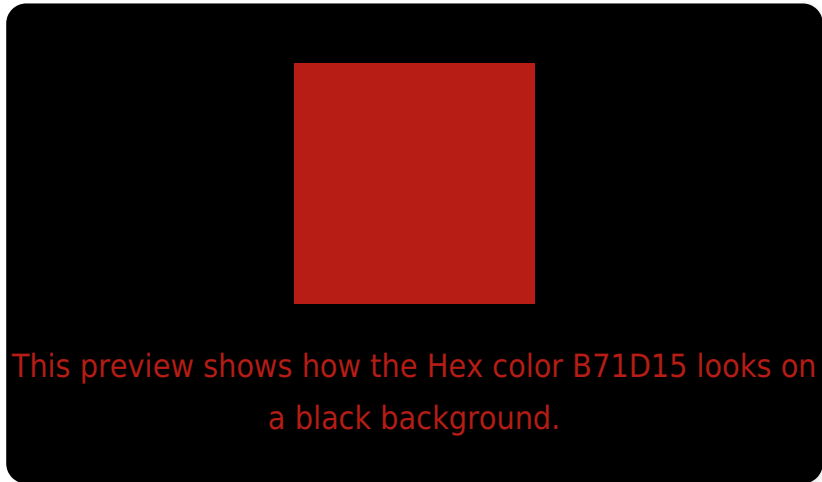
Large Text (above 18pt) WCAG AA ✓ Pass

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 B71D15 Background



This preview shows how black text looks on a background with the Hex color B71D15.



This preview shows how white text looks on a background with the Hex color B71D15.

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
B71D15

Protanopia
6A5F24

Deuteranopia
785A00



Tritanopia
B71C1A

Trichromacy



Original Color
B71D15

Protanomaly
86471F

Deuteranomaly
8F4408

Tritanomaly
B71C18

Monochromacy



Original Color
B71D15

Achromatopsia
4A4A4A

Achromatomaly
723A37

CSS Examples

Text

The CSS property to change the color of the text to Hex B71D15 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 #B71D15 looks like.

```
.text, #text, p{  
    color:#B71D15  
}
```

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 #B71D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B71D15
}
```

Border

The CSS property to change the border of an element to Hex B71D15 is called "border". The border property can be set on classes, ids or directly on the HTML element.

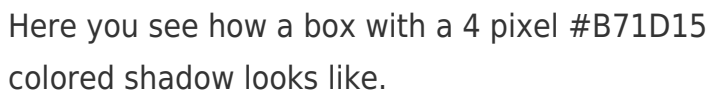
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B71D15 }
```

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

```
.border{ border-color:#B71D15 }
```

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



Here you see how a box with a 4 pixel #B71D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B71D15; -webkit-box-shadow:4px 4px  
4px 4px #B71D15; box-shadow:4px 4px 4px  
4px #B71D15 }
```

Background

The CSS property to change the background color of an element to Hex B71D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B71D15 }
```

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

```
.background{ background-color:#B71D15 }
```

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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