

Converting Colors

Hex(B91E0A)

Have a look what the booklet for
Hex(B91E0A) contains.

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Color

Hex(B91E0A)

Conversions

Conversions Part 1

Format	Color
Hex	B91E0A
RGB	185, 30, 10
RGB Percent	73%, 12%, 4%
CMY	0.2745, 0.8824, 0.9608
CMYK	0.00, 0.84, 0.95, 0.27
HSL	7°, 90%, 38%
HSV	7°, 95%, 73%
XYZ	20.5266, 11.2647, 1.3796
YIQ	74.0650, 98.8000, 26.6400

Conversions

Conversions Part 2

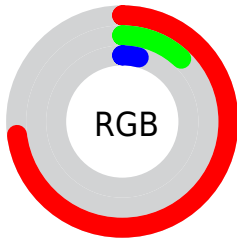
Format	Color
R_{YB}	185, 33, 10
Decimal	12131850
CIE Lab	40.02, 58.51, 49.97
CIE LCh	40, 76.937, 40.498
Yxy	11.2647, 0.6188, 0.3396
Android (android.graphics.Color)	4290321930 (0xFFB91E0A)
YUV	74.0650, -31.5840, 97.2900
Hunter-Lab	33.5630, 50.4328, 21.0570

Details

The Hex color **B91E0A** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0AA5B9**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **F95C3B**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B91500**, and if you desaturate by 10%, it is **B92E1C**.

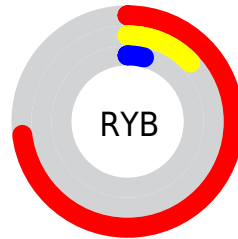
Distribution



Red (73%)

Green (12%)

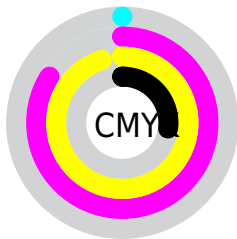
Blue (4%)



Red (73%)

Yellow (13%)

Blue (4%)

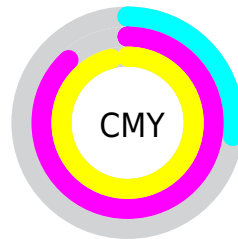


Cyan (0%)

Magenta (84%)

Yellow (95%)

Black (27%)



Cyan (27%)

Magenta (88%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B91E0A 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 B91E0A by changing the saturation by 10% instead.

 B91E0A

 B91E0A

 FFFFF5

 9A0000

 F95C3B

 7A0000

 FF7853

 5B0000

 FF946C

 400003

 FFB086

 1D0001

 FFCDA1

 000000

 FFEABC

 FFFFD8

 B91E0A

 B91E0A

 B91500

 B92E1C

 B93F2F

 B94F41

 B96054

 B97067

 B98079

 B9918B

 B9A19E

 B9B1B1

Harmonies

Analogous

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



C8004C



B91E0A



944B00

Triad

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



B91E0A



007531



0060DC

Complementary

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



B91E0A



0AA5B9

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.



0071D7



B91E0A



007774

Square

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



B91E0A



006F00



0077B0



773FC0

Rectangle

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



B91E0A



735D00



0077B0



0067DF

Sweetspot

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



B91E0A



F0B4AD



B90AA8



78544F



F7F7F7



787878

Same Dimension

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



B91E0A



F01B00



B9730A



5C5453



9C1200



1C0300

Inverse Universe

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



0AA5B9



00D4F0



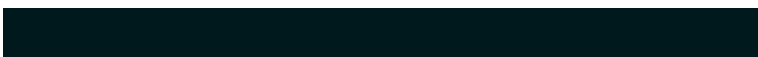
0A50B9



535B5C



008A9C



00191C

Previews

White Background



This preview shows how the Hex color B91E0A looks on a white background.

Color Contrast Check

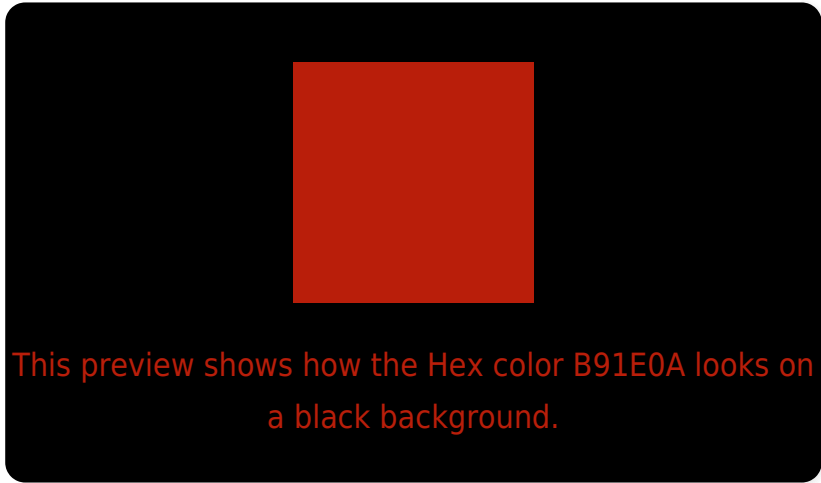
Large Text (above 18pt) WCAG AA ✓ Pass

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 B91E0A Background



This preview shows how black text looks on a background with the Hex color B91E0A.



This preview shows how white text looks on a background with the Hex color B91E0A.

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

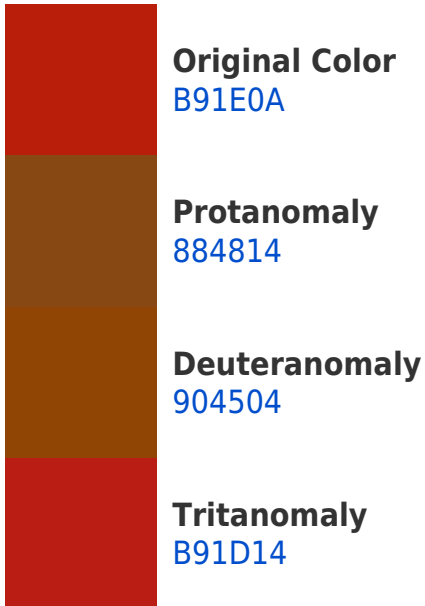


Original Color
B91E0A

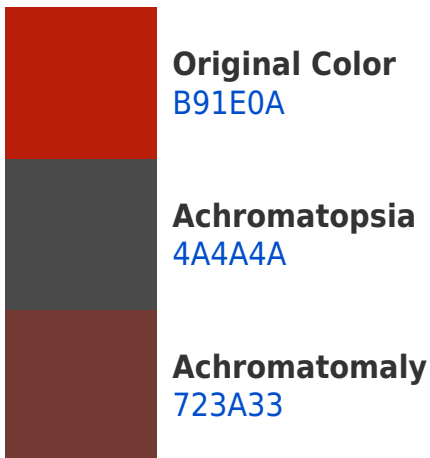
Protanopia
6C601A

Deuteranopia
795B00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B91E0A 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 #B91E0A looks like.

```
.text, #text, p{  
    color:#B91E0A  
}
```

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 #B91E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B91E0A }  
}
```

Border

The CSS property to change the border of an element to Hex B91E0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

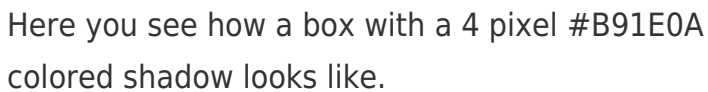
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B91E0A }  
}
```

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

```
.border{ border-color:#B91E0A }
```

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



Here you see how a box with a 4 pixel `#B91E0A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B91E0A; -webkit-box-shadow:4px 4px  
4px 4px #B91E0A; box-shadow:4px 4px 4px  
4px #B91E0A }
```

Background

The CSS property to change the background color of an element to Hex B91E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B91E0A }
```

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

```
.background{ background-color:#B91E0A }
```

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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