

# Converting Colors

Hex(B91F13)

Have a look what the booklet for  
Hex(B91F13) contains.

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**Color**

**Hex(B91F13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B91F13
RGB	185, 31, 19
RGB Percent	73%, 12%, 7%
CMY	0.2745, 0.8784, 0.9255
CMYK	0.00, 0.83, 0.90, 0.27
HSL	4°, 81%, 40%
HSV	4°, 90%, 73%
XYZ	20.6151, 11.3413, 1.7186
YIQ	75.6780, 95.6360, 28.9160

# Conversions

## Conversions Part 2

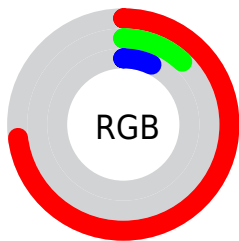
Format	Color
<a href="#">RYB</a>	<a href="#">185, 32, 19</a>
Decimal	<a href="#">12132115</a>
CIELab	<a href="#">40.15, 58.39, 46.64</a>
CIElCh	<a href="#">40, 74.731, 38.617</a>
Yxy	<a href="#">11.3413, 0.6122, 0.3368</a>
Android (android.graphics.Color)	<a href="#">4290322195 (0xFFB91F13)</a>
YUV	<a href="#">75.6780, -27.9423, 95.8754</a>
Hunter-Lab	<a href="#">33.6768, 50.3336, 20.5480</a>

# Details

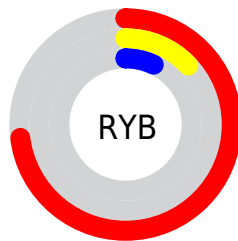
The Hex color **B91F13** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13ADB9**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F95D42**, and **7A0000** is the 20% darker color. If you saturate the color by 10%, you get **B90E00**, and if you desaturate by 10%, it is **B93025**.

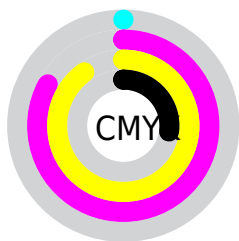
# Distribution



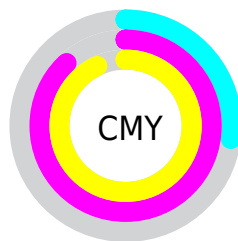
- Red (73%)
- Green (12%)
- Blue (7%)



- Red (73%)
- Yellow (13%)
- Blue (7%)



- Cyan (0%)
- Magenta (83%)
- Yellow (90%)
- Black (27%)



- Cyan (27%)
- Magenta (88%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B91F13 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 B91F13 by changing the saturation by 10% instead.



 B91F13

 B91F13

FFFFFFC

 9A0000

 F95D42

 7A0000

 FF795A

 5C0000

 FF9573

 400003

 FFB18D

 1D0001

 FFCEA8

 000000

 FFEBC3

 FFFFDF

 B91F13

 B91F13

 B90E00

 B93025

 B90D00

 B94138

 B9524A

 B9645D

 B9756F

 B98682

 B99794

 B9A8A7

 B9B9BA

# Harmonies

## Analogous

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



C50050



B91F13



964A00

# Triad

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



B91F13



00752E



0062DA

# Complementary

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



B91F13



13ADB9

# 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.



0071D2



B91F13



00776F

# Square

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



B91F13



116F00



0077AA



7143C0

# Rectangle

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



B91F13



775C00



0077AA



0068DB



# Sweetspot

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



B91F13



F0B4AF



B913AE



785451



F7F7F7



787878



# Same Dimension

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



B91F13



F01100



B97113



5C5353



9C0B00



1C0200

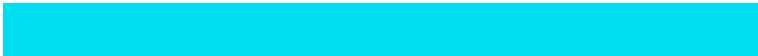


# Inverse Universe

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



13ADB9



00DEF0



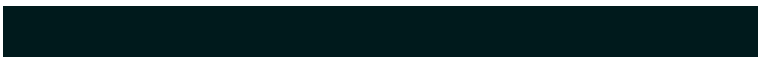
135BB9



535B5C



00909C



001A1C



# Previews

## White Background



This preview shows how the Hex color B91F13 looks on a white background.

## Color Contrast Check

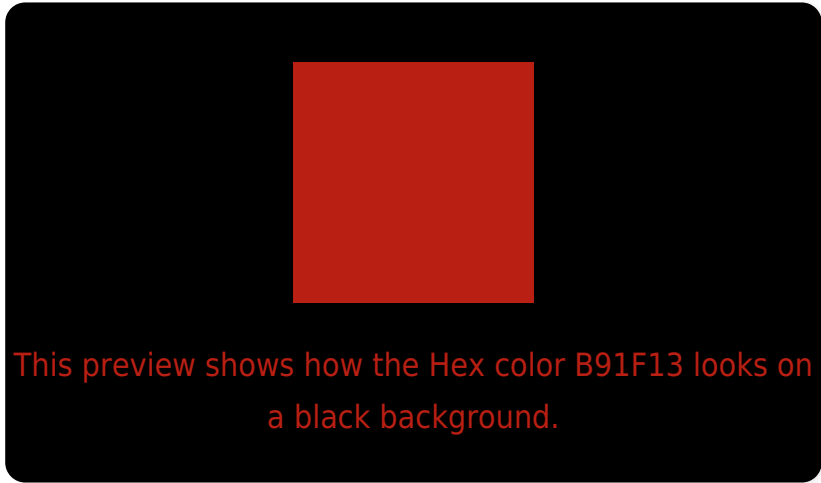
Large Text (above 18pt) WCAG AA ✓ Pass

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 B91F13 Background



This preview shows how black text looks on a background with the Hex color B91F13.



This preview shows how white text looks on a background with the Hex color B91F13.

# 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



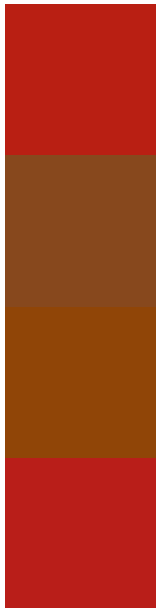
**Original Color**  
B91F13

**Protanopia**  
6B6022

**Deuteranopia**  
795B00



# Trichromacy



**Original Color**  
B91F13

**Protanomaly**  
87481D

**Deuteranomaly**  
904507

**Tritanomaly**  
B91E19

# Monochromacy



**Original Color**  
B91F13

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
743C37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B91F13 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 #B91F13 looks like.

```
.text, #text, p{  
    color:#B91F13  
}
```

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 #B91F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B91F13
}
```

## Border

The CSS property to change the border of an element to Hex B91F13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

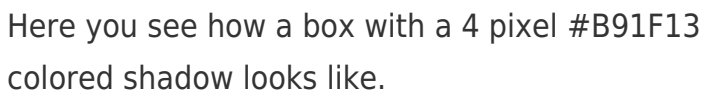
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B91F13 }
```

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

```
.border{ border-color:#B91F13 }
```

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



Here you see how a box with a 4 pixel #B91F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B91F13; -webkit-box-shadow:4px 4px  
4px 4px #B91F13; box-shadow:4px 4px 4px  
4px #B91F13 }
```

# Background

The CSS property to change the background color of an element to Hex B91F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B91F13 }
```

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

```
.background{ background-color:#B91F13 }
```

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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