

Converting Colors

Hex(B91247)

Have a look what the booklet for
Hex(B91247) contains.

Hex(B91247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B91247)

Conversions

Conversions Part 1

Format	Color
Hex	B91247
RGB	185, 18, 71
RGB Percent	73%, 7%, 28%
CMY	0.2745, 0.9294, 0.7216
CMYK	0.00, 0.90, 0.62, 0.27
HSL	341°, 82%, 40%
HSV	341°, 90%, 73%
XYZ	21.3612, 11.2018, 6.9975
YIQ	73.9750, 82.5190, 51.8870

Conversions

Conversions Part 2

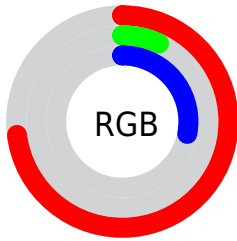
Format	Color
R_{YB}	185, 18, 71
Decimal	12128839
CIE Lab	39.92, 62.97, 16.30
CIE LCh	40, 65.043, 14.513
Yxy	11.2018, 0.5400, 0.2832
Android (android.graphics.Color)	4290318919 (0xFFB91247)
YUV	73.9750, -1.4667, 97.3689
Hunter-Lab	33.4691, 55.3542, 11.0324

Details

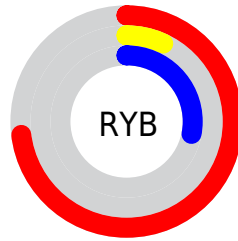
The Hex color **B91247** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **12B984**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **F75877**, and **7C001D** is the 20% darker color. If you saturate the color by 10%, you get **B9003B**, and if you desaturate by 10%, it is **B92554**.

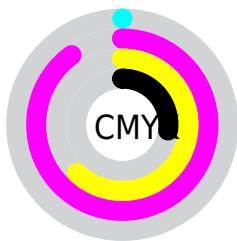
Distribution



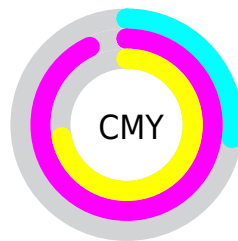
- Red (73%)
- Green (7%)
- Blue (28%)



- Red (73%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (90%)
- Yellow (62%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B91247 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 B91247 by changing the saturation by 10% instead.

 B91247

 B91247

FFFFFF

 9A0031

 F75877

 7C001D

 FF7491

 5F0002

 FF91AB

 430003

 FFAEC6

 210001

 FFCBE2

 000000

 FFE8FF

 B91247

 B91247

 B9003B

 B92554

 B93760

 B9496D

 B95C7A

 B96E86

 B98193

 B9939F

 B9A6AC

 B9B8B9

Harmonies

Analogous

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



AD1D7C



B91247



AA3512

Triad

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



B91247



0B6E00



006CC5

Complementary

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



B91247



12B984

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.



0073A8



B91247



007340

Square

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



B91247



5B6400



007577



005CC6

Rectangle

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



B91247



964900



007577



006FBF

Sweetspot

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



B91247



F0AFC4



8112B9



78515E



F7F7F7



787878

Same Dimension

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



B91247



F0004C



B92E12



5C5356



9C0031



1C0009

Inverse Universe

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



B91247



F0004C



129DB9



5C5356



9C0031



1C0009

Previews

White Background



This preview shows how the Hex color B91247 looks on a white background.

Color Contrast Check

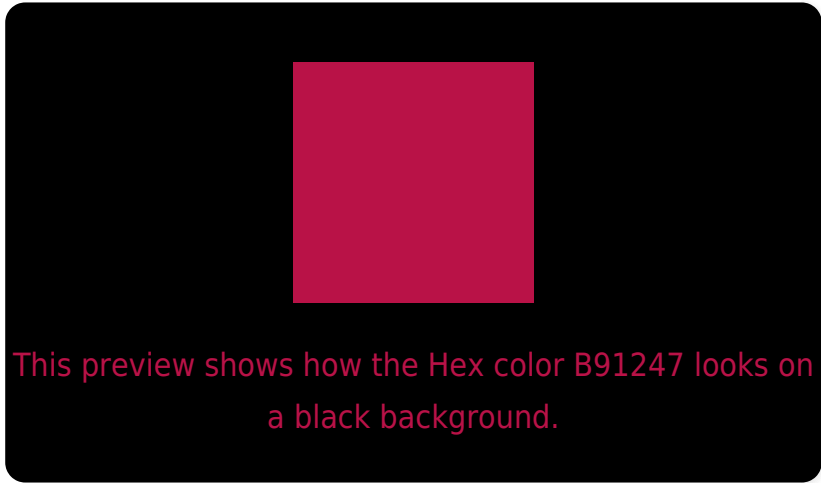
Large Text (above 18pt) WCAG AA ✓ Pass

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

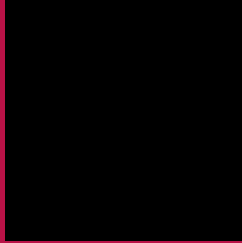
Any Text WCAG AA × Fail

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 B91247 Background



This preview shows how black text looks on a background with the Hex color B91247.

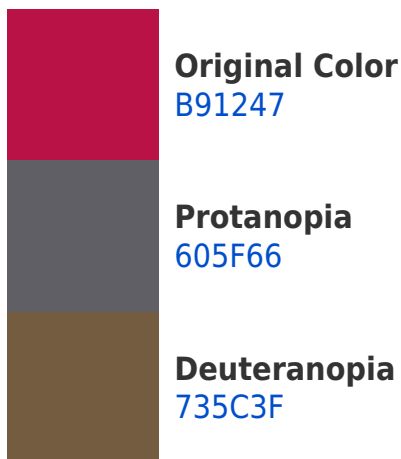


This preview shows how white text looks on a background with the Hex color B91247.

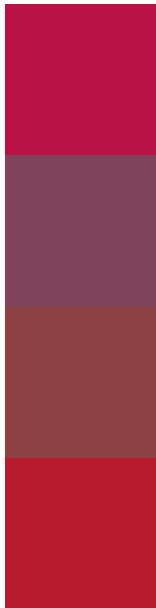
Color Blindness Simulation

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
B91247

Protanomaly
80435B

Deuteranomaly
8C4142

Tritanomaly
B81B2E

Monochromacy



Original Color
B91247

Achromatopsia
4A4A4A

Achromatomaly
723649

CSS Examples

Text

The CSS property to change the color of the text to Hex B91247 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 #B91247 looks like.

```
.text, #text, p{  
    color:#B91247  
}
```

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 #B91247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B91247
}
```

Border

The CSS property to change the border of an element to Hex B91247 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
#B91247 }
```

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

```
.border{ border-color:#B91247 }
```

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

Here you see how a box with a 4 pixel #B91247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B91247; -webkit-box-shadow:4px 4px  
4px 4px #B91247; box-shadow:4px 4px 4px  
4px #B91247 }
```

Background

The CSS property to change the background color of an element to Hex B91247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B91247 }
```

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

```
.background{ background-color:#B91247 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor