

Converting Colors

Hex(B90445)

Have a look what the booklet for
Hex(B90445) contains.

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Color

Hex(B90445)

Conversions

Conversions Part 1

Format	Color
Hex	B90445
RGB	185, 4, 69
RGB Percent	73%, 2%, 27%
CMY	0.2745, 0.9843, 0.7294
CMYK	0.00, 0.98, 0.63, 0.27
HSL	338°, 96%, 37%
HSV	338°, 98%, 73%
XYZ	21.1252, 10.8308, 6.6074
YIQ	65.5290, 87.0110, 58.5870

Conversions

Conversions Part 2

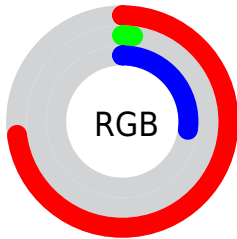
Format	Color
RYB	185, 4, 69
Decimal	12125253
CIELab	39.29, 64.53, 16.74
CIElCh	39, 66.671, 14.543
Yxy	10.8308, 0.5478, 0.2809
Android (android.graphics.Color)	4290315333 (0xFFB90445)
YUV	65.5290, 1.7112, 104.7761
Hunter-Lab	32.9102, 56.9871, 11.1335

Details

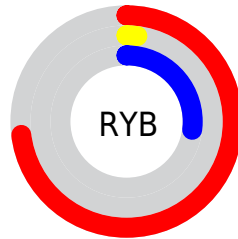
The Hex color **B90445** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **04B978**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **F75375**, and **7C001B** is the 20% darker color. If you saturate the color by 10%, you get **B90042**, and if you desaturate by 10%, it is **B91751**.

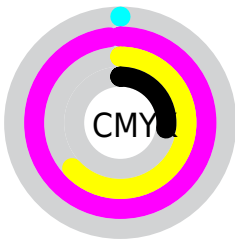
Distribution



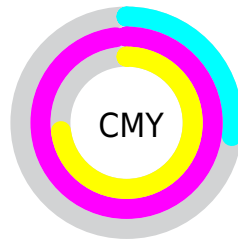
- Red (73%)
- Green (2%)
- Blue (27%)



- Red (73%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (98%)
- Yellow (63%)
- Black (27%)



- Cyan (27%)
- Magenta (98%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B90445 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 B90445 by changing the saturation by 10% instead.

 B90445

 B90445

FFFFFF

 9A002F

 F75375

 7C001B

 FF708E

 5E0000

 FF8DA9

 420003

 FFAAC4

 200001

 FFC7E0

 000000

 FFE5FC

 B90445

 B90445

 B90042

 B91751

 B9295D

 B93C69

 B94E74

 B96180

 B9738C

 B98698

 B998A4

 B9ABB0

Harmonies

Analogous

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



AD147B



B90445



AA320E

Triad

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



B90445



006D00



006BC6

Complementary

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



B90445



04B978

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.



0072A8



B90445



00723D

Square

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



B90445



596200



007376



005BC7

Rectangle

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



B90445



954700



007376



006EBF

Sweetspot

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



B90445



F0AAC3



7704B9



784E5D



F7F7F7



787878

Same Dimension

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



B90445



F00056



B91C04



5C5356



9C0038



1C000A

Inverse Universe

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



B90445



F00056



04A1B9



5C5356



9C0038



1C000A

Previews

White Background



This preview shows how the Hex color B90445 looks on a white background.

Color Contrast Check

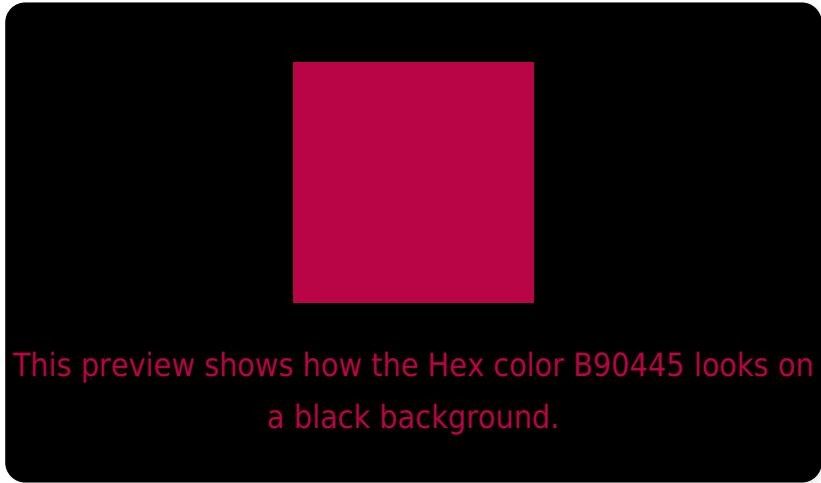
Large Text (above 18pt) WCAG AA ✓ Pass

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 B90445 Background



This preview shows how black text looks on a background with the Hex color B90445.



This preview shows how white text looks on a background with the Hex color B90445.

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
B90445

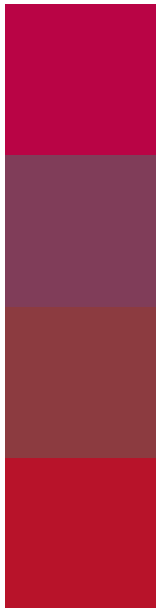
Protanopia
5F5E65

Deuteranopia
725B3D



Tritanopia
B81C1A

Trichromacy



Original Color
B90445

Protanomaly
803D59

Deuteranomaly
8C3B40

Tritanomaly
B8132A

Monochromacy



Original Color
B90445

Achromatopsia
424242

Achromatomaly
6D2B43

CSS Examples

Text

The CSS property to change the color of the text to Hex B90445 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 #B90445 looks like.

```
.text, #text, p{  
    color:#B90445  
}
```

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 #B90445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B90445  
}
```

Border

The CSS property to change the border of an element to Hex B90445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

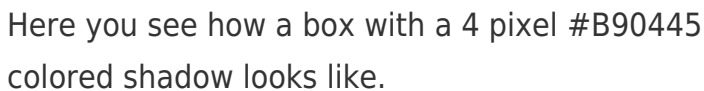
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B90445 }
```

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

```
.border{ border-color:#B90445 }
```

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



Here you see how a box with a 4 pixel #B90445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B90445; -webkit-box-shadow:4px 4px  
4px 4px #B90445; box-shadow:4px 4px 4px  
4px #B90445 }
```

Background

The CSS property to change the background color of an element to Hex B90445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B90445 }
```

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

```
.background{ background-color:#B90445 }
```

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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