

# Converting Colors

Hex(B51255)

Have a look what the booklet for  
Hex(B51255) contains.

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# Color

**Hex(B51255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B51255
RGB	181, 18, 85
RGB Percent	71%, 7%, 33%
CMY	0.2902, 0.9294, 0.6667
CMYK	0.00, 0.90, 0.53, 0.29
HSL	335°, 82%, 39%
HSV	335°, 90%, 71%
XYZ	20.9121, 10.9122, 9.5984
YIQ	74.3750, 75.6410, 55.3930

# Conversions

## Conversions Part 2

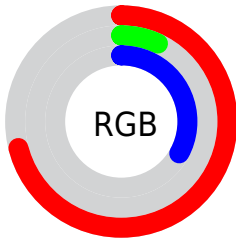
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 18, 85
Decimal	11866709
CIE <sub>Lab</sub>	39.43, 62.92, 6.56
CIE <sub>LCh</sub>	39, 63.258, 5.954
Yxy	10.9122, 0.5048, 0.2634
Android (android.graphics.Color)	4290056789 (0xFFB51255)
YUV	74.3750, 5.2381, 93.5101
Hunter-Lab	33.0337, 55.1909, 5.8960

# Details

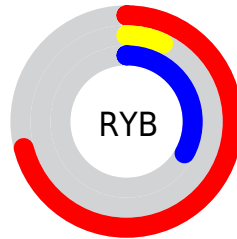
The Hex color **B51255** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **12B572**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **F25786**, and **790029** is the 20% darker color. If you saturate the color by 10%, you get **B5004A**, and if you desaturate by 10%, it is **B52460**.

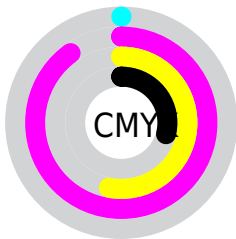
# Distribution



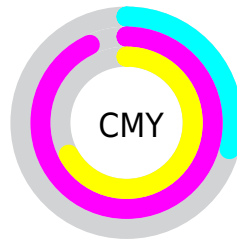
- Red (71%)
- Green (7%)
- Blue (33%)



- Red (71%)
- Yellow (7%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (53%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B51255 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 B51255 by changing the saturation by 10% instead.



 B51255

 B51255

FFFFFF

 97003E

 F25786

 790029

 FF74A0

 5C0014

 FF90BB

 410003

 FFADD7

 1F0001

 FFCAF3

 000000

 FFE8FF

 B51255

 B51255

 B5004A

 B52460

 B5366A

 B54875

 B55A80

 B56D8A

 B57F95

 B591A0

 B5A3AA

 B5B5B5

# Harmonies

## Analogous

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



A12988



B51255



AD2D23

# Triad

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



B51255



2F6A00



006DBC

# Complementary

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



B51255



12B572

# 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.



007299



B51255



007030

# Square

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



B51255



685E00



007366



0060C5

# Rectangle

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



B51255



9D4100



007366



0070B2



# Sweetspot

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



B51255



EBABC5



7112B5



75505F



F5F5F5



757575



# Same Dimension

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



B51255



EB0060



B52012



595054



99003F



1A000A



# Inverse Universe

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



B51255



EB0060



12A7B5



595054



99003F



1A000A



# Previews

## White Background



This preview shows how the Hex color B51255 looks on a white background.

## Color Contrast Check

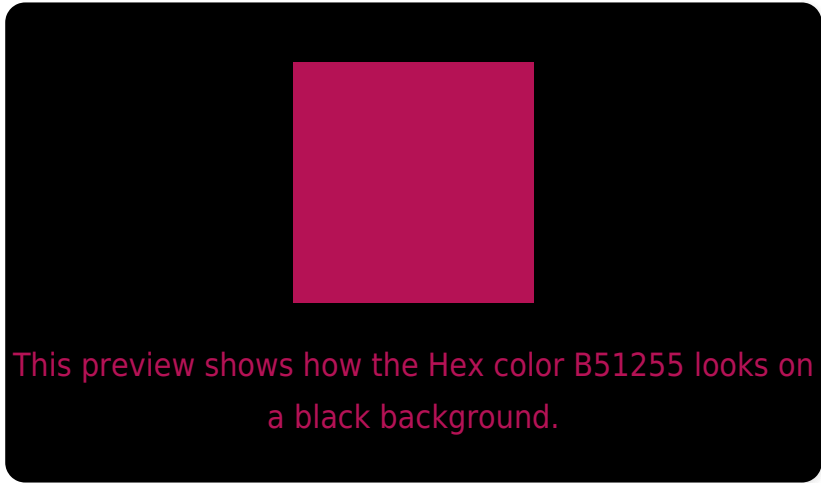
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51255 Background



This preview shows how black text looks on a background with the Hex color B51255.

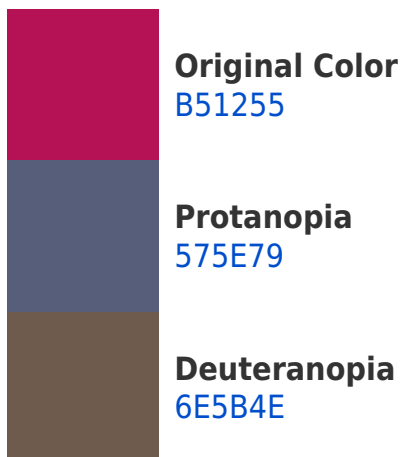


This preview shows how white text looks on a background with the Hex color B51255.

# Color Blindness Simulation

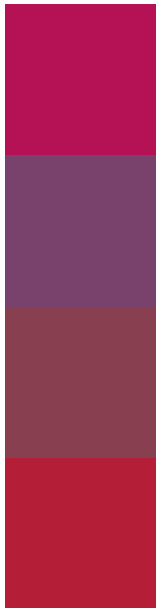
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
B51255

**Protanomaly**  
79426C

**Deuteranomaly**  
884051

**Tritanomaly**  
B41E36

# Monochromacy



**Original Color**  
B51255

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
71364E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B51255 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 #B51255 looks like.

```
.text, #text, p{  
    color:#B51255  
}
```

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 #B51255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51255
}
```

## Border

The CSS property to change the border of an element to Hex B51255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

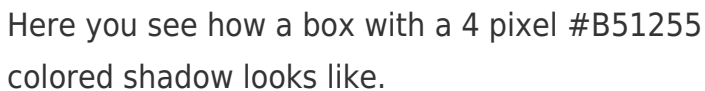
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B51255 }
```

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

```
.border{ border-color:#B51255 }
```

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



Here you see how a box with a 4 pixel #B51255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51255; -webkit-box-shadow:4px 4px  
4px 4px #B51255; box-shadow:4px 4px 4px  
4px #B51255 }
```

# Background

The CSS property to change the background color of an element to Hex B51255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51255 }
```

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

```
.background{ background-color:#B51255 }
```

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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