

# Converting Colors

Hex(B52044)

Have a look what the booklet for  
Hex(B52044) contains.

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# Color

**Hex(B52044)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B52044
RGB	181, 32, 68
RGB Percent	71%, 13%, 27%
CMY	0.2902, 0.8745, 0.7333
CMYK	0.00, 0.82, 0.62, 0.29
HSL	346°, 70%, 42%
HSV	346°, 82%, 71%
XYZ	20.6160, 11.2741, 6.5584
YIQ	80.6550, 77.2480, 42.7840

# Conversions

## Conversions Part 2

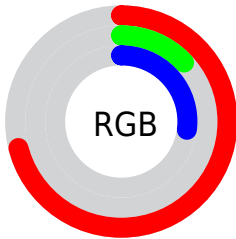
Format	Color
<a href="#">RYB</a>	<a href="#">181, 32, 68</a>
Decimal	<a href="#">11870276</a>
CIELab	<a href="#">40.04, 58.87, 18.22</a>
CIElCh	<a href="#">40, 61.627, 17.196</a>
Yxy	<a href="#">11.2741, 0.5362, 0.2932</a>
Android (android.graphics.Color)	<a href="#">4290060356</a> ( <a href="#">0xFFB52044</a> )
YUV	<a href="#">80.6550, -6.2389, 88.0026</a>
Hunter-Lab	<a href="#">33.5770, 50.8376, 11.9231</a>

# Details

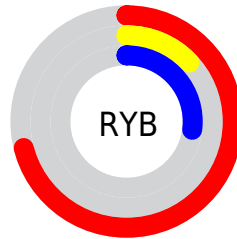
The Hex color **B52044** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **20B591**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **F35D74**, and **79001A** is the 20% darker color. If you saturate the color by 10%, you get **B50E36**, and if you desaturate by 10%, it is **B53252**.

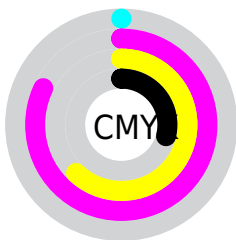
# Distribution



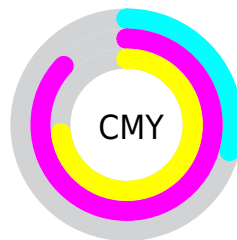
- Red (71%)
- Green (13%)
- Blue (27%)



- Red (71%)
- Yellow (13%)
- Blue (27%)



- Cyan (0%)
- Magenta (82%)
- Yellow (62%)
- Black (29%)



- Cyan (29%)
- Magenta (87%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B52044 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 B52044 by changing the saturation by 10% instead.



 B52044

 B52044

FFFFFF

 97002E

 F35D74

 79001A

 FF7A8D

 5C0000

 FF96A8

 400003

 FFB2C3

 1D0001

 FFCFDF

 000000

 FFECFB

 B52044

 B52044

 B50E36

 B53252

 B5002C

 B5445F

 B5566D

 B5687B

 B57B89

 B58D96

 B59FA4

 B5B1B2

 B5C3C0

# Harmonies

## Analogous

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



AC2376



B52044



A53C12

# Triad

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



B52044



076E0C



006BC1

# Complementary

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



B52044



20B591

# 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



B52044



007346

# Square

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



B52044



586500



00747B



0B5BC0

# Rectangle

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



B52044



914D00



00747B



006EBC



# Sweetspot

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



B52044



EBB0BE



9020B5



75525B



F5F5F5



757575



# Same Dimension

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



B52044



EB023A



B54520



595052



990025



1A0006



# Inverse Universe

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



B52044



EB023A



2090B5



595052



990025



1A0006



# Previews

## White Background



This preview shows how the Hex color B52044 looks on a white background.

## Color Contrast Check

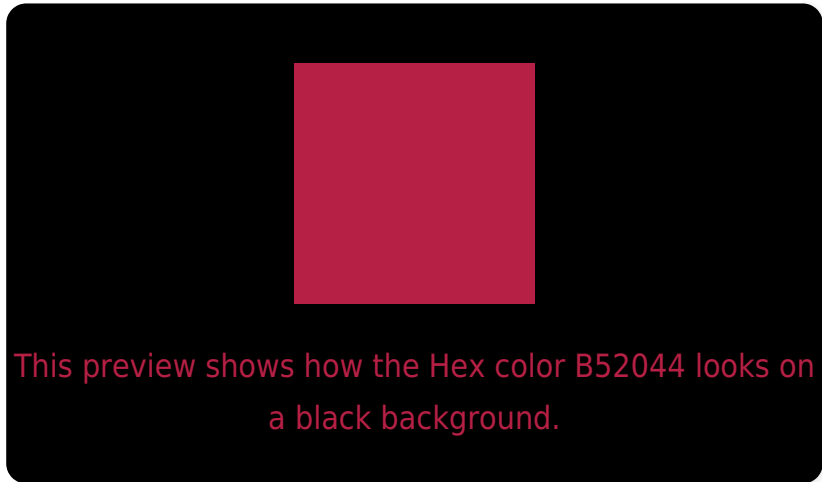
Large Text (above 18pt) WCAG AA ✓ Pass

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 B52044 Background



This preview shows how black text looks on a background with the Hex color B52044.

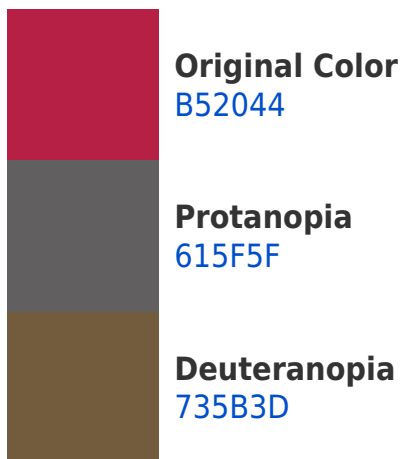


This preview shows how white text looks on a background with the Hex color B52044.

# Color Blindness Simulation

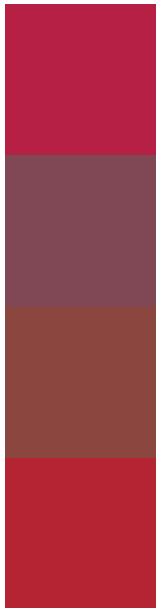
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
B52044

**Protanomaly**  
804855

**Deuteranomaly**  
8B4640

**Tritanomaly**  
B42432

# Monochromacy



**Original Color**  
B52044

**Achromatopsia**  
515151

**Achromatomaly**  
753F4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B52044 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 #B52044 looks like.

```
.text, #text, p{  
    color:#B52044  
}
```

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 #B52044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B52044
}
```

## Border

The CSS property to change the border of an element to Hex B52044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

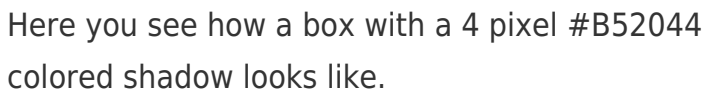
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B52044 }
```

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

```
.border{ border-color:#B52044 }
```

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



Here you see how a box with a 4 pixel #B52044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B52044; -webkit-box-shadow:4px 4px  
4px 4px #B52044; box-shadow:4px 4px 4px  
4px #B52044 }
```

# Background

The CSS property to change the background color of an element to Hex B52044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B52044 }
```

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

```
.background{ background-color:#B52044 }
```

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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