

Converting Colors

Hex(B5004E)

Have a look what the booklet for
Hex(B5004E) contains.

Hex(B5004E)	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(B5004E)

Conversions

Conversions Part 1

Format	Color
Hex	B5004E
RGB	181, 0, 78
RGB Percent	71%, 0%, 31%
CMY	0.2902, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.57, 0.29
HSL	334°, 100%, 35%
HSV	334°, 100%, 71%
XYZ	20.4312, 10.3738, 8.1332
YIQ	63.0110, 82.8380, 62.6300

Conversions

Conversions Part 2

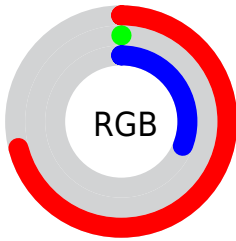
Format	Color
R_{YB}	181, 0, 78
Decimal	11862094
CIE Lab	38.51, 64.58, 9.74
CIE LCh	39, 65.312, 8.581
Yxy	10.3738, 0.5247, 0.2664
Android (android.graphics.Color)	4290052174 (0xFFB5004E)
YUV	63.0110, 7.3896, 103.4764
Hunter-Lab	32.2084, 56.8656, 7.5740

Details

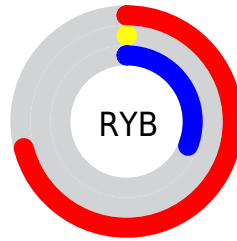
The Hex color **B5004E** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00B567**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **F3527F**, and **790023** is the 20% darker color. If you saturate the color by 10%, you get **B5004E**, and if you desaturate by 10%, it is **B51258**.

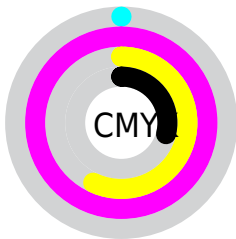
Distribution



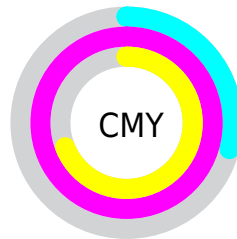
- Red (71%)
- Green (0%)
- Blue (31%)



- Red (71%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5004E 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 B5004E by changing the saturation by 10% instead.

 B5004E

 B5004E

FFFFFF

 970037

 F3527F

 790023

 FF6F98

 5B000C

 FF8CB3

 400003

 FFA8CF

 1C0001

 FFC5EB

 000000

 FFE3FF

 B5004E

 B51258

 B52463

 B5366D

 B54877

 B55B82

 B56D8C

 B57F96

 B591A0

 B5A3AB

Harmonies

Analogous

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



A31E83



B5004E



AB2A1A

Triad

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



B5004E



226900



006BBE

Complementary

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



B5004E



00B567

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.



00709C



B5004E



006F31

Square

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



B5004E



625D00



007169



005DC5

Rectangle

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



B5004E



994000



007169



006DB6

Sweetspot

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



B5004E



EBA4C3



6700B5



754B5D



F5F5F5



757575

Same Dimension

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



B5004E



EB0065



B50C00



595054



990042



1A000B

Inverse Universe

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



B5004E



EB0065



00A9B5



595054



990042



1A000B

Previews

White Background



This preview shows how the Hex color B5004E looks on a white background.

Color Contrast Check

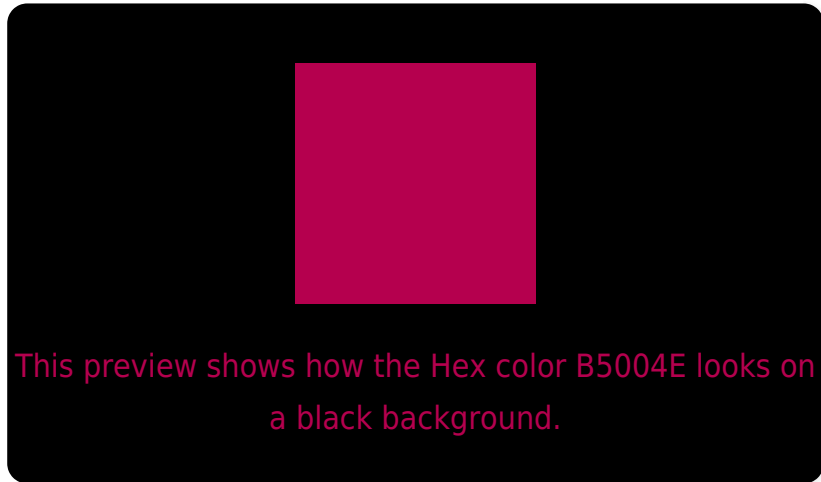
Large Text (above 18pt) WCAG AA ✓ Pass

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 B5004E Background



This preview shows how black text looks on a background with the Hex color B5004E.

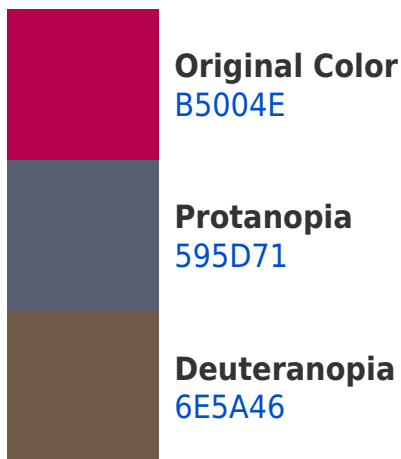


This preview shows how white text looks on a background with the Hex color B5004E.

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
B5004E



Protanomaly
7A3B64



Deuteranomaly
883949

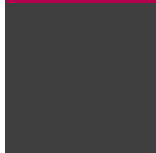


Tritanomaly
B4142F

Monochromacy



Original Color
B5004E



Achromatopsia
3F3F3F



Achromatomaly
6A2844

CSS Examples

Text

The CSS property to change the color of the text to Hex B5004E 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 #B5004E looks like.

```
.text, #text, p{  
    color:#B5004E  
}
```

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 #B5004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5004E
}
```

Border

The CSS property to change the border of an element to Hex B5004E is called "border". The border property can be set on classes, ids or directly on the HTML element.

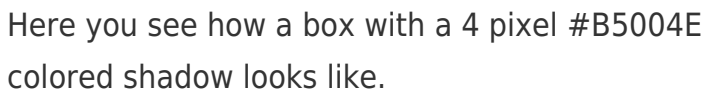
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5004E }
```

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

```
.border{ border-color:#B5004E }
```

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



Here you see how a box with a 4 pixel #B5004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5004E; -webkit-box-shadow:4px 4px  
4px 4px #B5004E; box-shadow:4px 4px 4px  
4px #B5004E }
```

Background

The CSS property to change the background color of an element to Hex B5004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5004E }
```

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

```
.background{ background-color:#B5004E }
```

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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