

# Converting Colors

Hex(B82558)

Have a look what the booklet for  
Hex(B82558) contains.

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# Color

**Hex(B82558)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B82558
RGB	184, 37, 88
RGB Percent	72%, 15%, 35%
CMY	0.2784, 0.8549, 0.6549
CMYK	0.00, 0.80, 0.52, 0.28
HSL	339°, 67%, 43%
HSV	339°, 80%, 72%
XYZ	22.1902, 12.2181, 10.4213
YIQ	86.7670, 71.2410, 47.0250

# Conversions

## Conversions Part 2

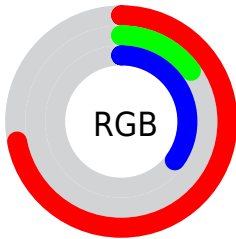
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 37, 88
Decimal	12068184
CIELab	41.56, 59.77, 7.76
CIELCh	42, 60.272, 7.395
Yxy	12.2181, 0.4950, 0.2725
Android (android.graphics.Color)	4290258264 (0xFFB82558)
YUV	86.7670, 0.6079, 85.2733
Hunter-Lab	34.9543, 52.1476, 6.7913

# Details

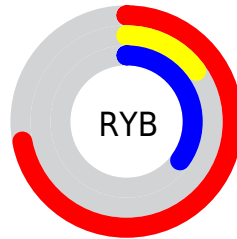
The Hex color **B82558** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **25B885**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **F5628A**, and **7D002B** is the 20% darker color. If you saturate the color by 10%, you get **B8134C**, and if you desaturate by 10%, it is **B83764**.

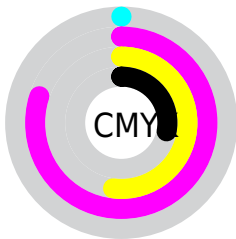
# Distribution



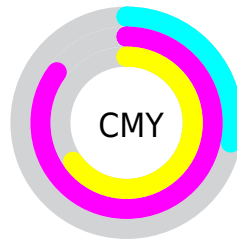
- Red (72%)
- Green (15%)
- Blue (35%)



- Red (72%)
- Yellow (15%)
- Blue (35%)



- Cyan (0%)
- Magenta (80%)
- Yellow (52%)
- Black (28%)



- Cyan (28%)
- Magenta (85%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B82558 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 B82558 by changing the saturation by 10% instead.



 B82558

 B82558

FFFFFF

 9A0041

 F5628A

 7D002B

 FF7EA4

 5F0017

 FF9ABF

 440002

 FFB7DB

 250001

 FFD4F7

 000000

 FFF1FF

 B82558

 B82558

 B8134C

 B83764

 B80040

 B84A70

 B85C7C

 B86F88

 B88194

 B893A0

 B8A6AC

 B8B8B8

 B8CBC4

# Harmonies

## Analogous

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



A53389



B82558



B03828

# Triad

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



B82558



356F00



0071BE

# Complementary

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



B82558



25B885

# 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.



00779D



B82558



007539

# Square

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



B82558



6C6400



00786D



0064C5

# Rectangle

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



B82558



9F4903



00786D



0074B6



# Sweetspot

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



B82558



F0B6CA



8525B8



785561



F7F7F7



787878



# Same Dimension

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



B82558



F00A59



B83B25



5C5356



9C0036



1C000A



# Inverse Universe

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



B82558



F00A59



25A2B8



5C5356



9C0036



1C000A



# Previews

## White Background



This preview shows how the Hex color B82558 looks on a white background.

## Color Contrast Check

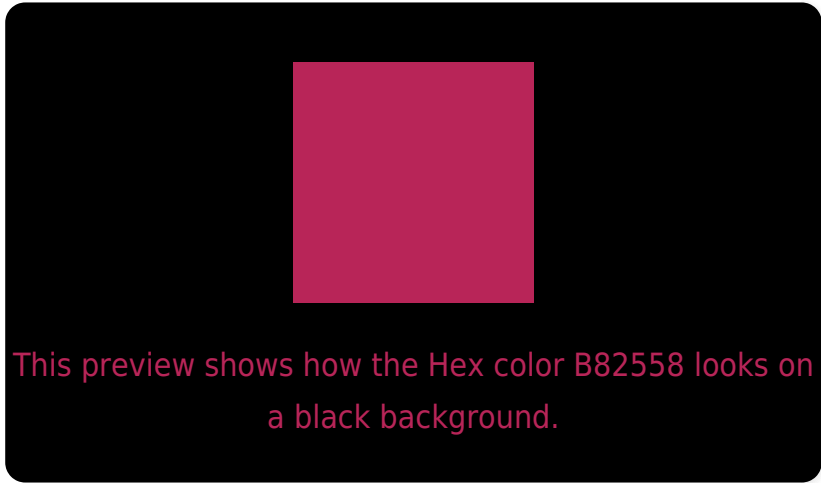
Large Text (above 18pt) WCAG AA ✓ Pass

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 B82558 Background



This preview shows how black text looks on a background with the Hex color B82558.

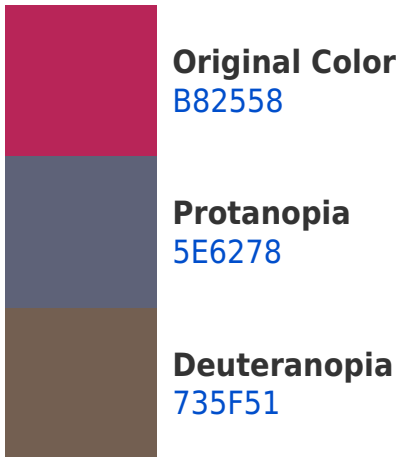



This preview shows how white text looks on a background with the Hex color B82558.

# 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





**Tritanopia**  
B63031

# Trichromacy



**Original Color**  
B82558

**Protanomaly**  
7F4C6C

**Deuteranomaly**  
8C4A54

**Tritanomaly**  
B72C3F

# Monochromacy



**Original Color**  
B82558

**Achromatopsia**  
575757

**Achromatomaly**  
7A4557

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B82558 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 #B82558 looks like.

```
.text, #text, p{  
    color:#B82558  
}
```

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 #B82558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B82558
}
```

## Border

The CSS property to change the border of an element to Hex B82558 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".

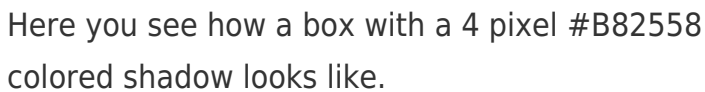
```
.border, #border, table{ border:4px solid
#B82558 }
```

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

```
.border{ border-color:#B82558 }
```

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

Here you see how a box with a 4 pixel #B82558 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B82558; -webkit-box-shadow:4px 4px  
4px 4px #B82558; box-shadow:4px 4px 4px  
4px #B82558 }
```

# Background

The CSS property to change the background color of an element to Hex B82558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B82558 }
```

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

```
.background{ background-color:#B82558 }
```

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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