

# Converting Colors

Hex(B82F5F)

Have a look what the booklet for  
Hex(B82F5F) contains.

<b>Hex(B82F5F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B82F5F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B82F5F
RGB	184, 47, 95
RGB Percent	72%, 18%, 37%
CMY	0.2784, 0.8157, 0.6275
CMYK	0.00, 0.74, 0.48, 0.28
HSL	339°, 59%, 45%
HSV	339°, 74%, 72%
XYZ	22.8492, 13.0496, 12.1410
YIQ	93.4350, 66.2440, 43.9720

# Conversions

## Conversions Part 2

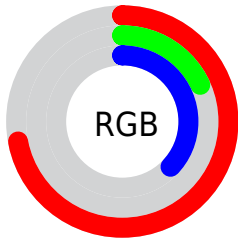
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 47, 95
Decimal	12070751
CIE <sub>Lab</sub>	42.84, 57.28, 5.18
CIE <sub>LCh</sub>	43, 57.518, 5.168
Yxy	13.0496, 0.4756, 0.2716
Android (android.graphics.Color)	4290260831 (0xFFB82F5F)
YUV	93.4350, 0.7715, 79.4255
Hunter-Lab	36.1242, 49.6871, 5.3602

# Details

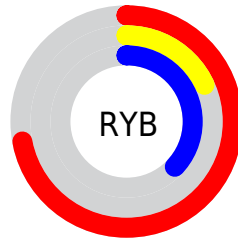
The Hex color **B82F5F** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2FB888**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F46991**, and **7D0031** is the 20% darker color. If you saturate the color by 10%, you get **B81D53**, and if you desaturate by 10%, it is **B8416B**.

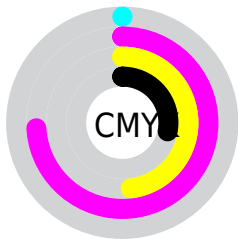
# Distribution



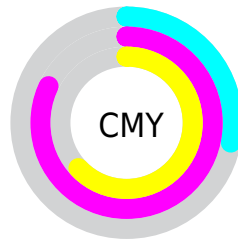
- Red (72%)
- Green (18%)
- Blue (37%)



- Red (72%)
- Yellow (18%)
- Blue (37%)



- Cyan (0%)
- Magenta (74%)
- Yellow (48%)
- Black (28%)



- Cyan (28%)
- Magenta (82%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B82F5F 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 B82F5F by changing the saturation by 10% instead.



 B82F5F

 B82F5F

FFFFFF

 9A0447

 F46991

 7D0031

 FF84AC

 60001D

 FFA1C7

 460002

 FFBDE3

 280001

 FFDAFF

 000000

 FFF7FF

 B82F5F

 B82F5F

 B81D53

 B8416B

 B80A47

 B85477

 B80040

 B86683

 B8798F

 B88B9B

 B89DA7

 B8B0B3

 B8C2BF

 B8D5CB

# Harmonies

## Analogous

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



A43C8E



B82F5F



B23D31

# Triad

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



B82F5F



417204



0075BC

# Complementary

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



B82F5F



2FB888

# 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.



007A9B



B82F5F



00783B

# Square

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



B82F5F



736600



007A6C



0068C5

# Rectangle

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



B82F5F



A34C13



007A6C



0077B3



# Sweetspot

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



B82F5F



F0BBCD



862FB8



785964



F7F7F7



787878



# Same Dimension

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



B82F5F



F01A65



B8412F



5C5356



9C0036



1C000A



# Inverse Universe

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



B82F5F



F01A65



2FA6B8



5C5356



9C0036



1C000A



# Previews

## White Background



This preview shows how the Hex color B82F5F looks on a white background.

## Color Contrast Check

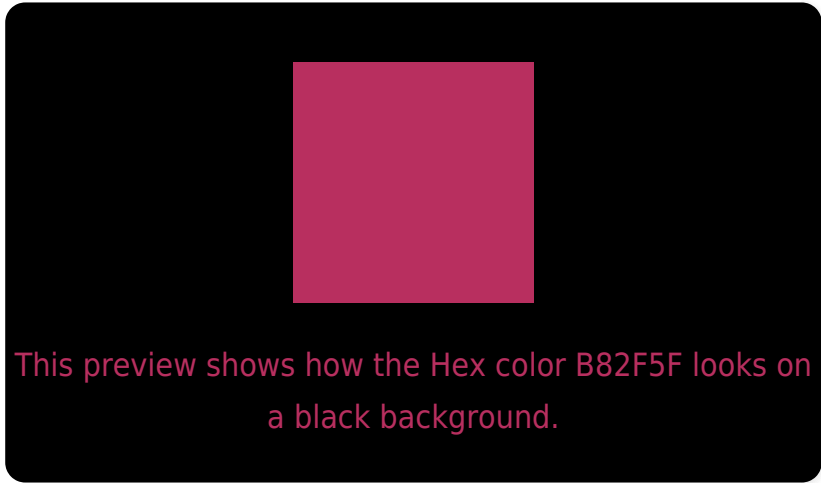
Large Text (above 18pt) WCAG AA ✓ Pass

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 B82F5F Background



This preview shows how black text looks on a background with the Hex color B82F5F.

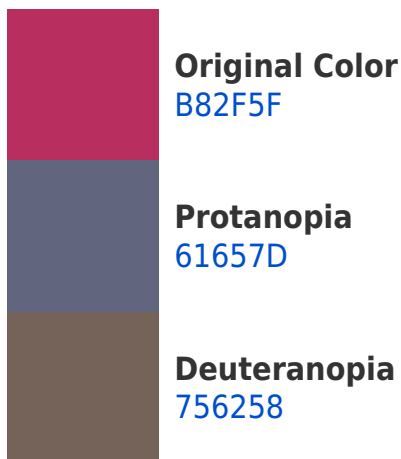


This preview shows how white text looks on a background with the Hex color B82F5F.

# 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**  
B6383B

# Trichromacy



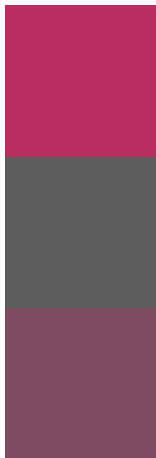
**Original Color**  
B82F5F

**Protanomaly**  
815172

**Deuteranomaly**  
8D4F5B

**Tritanomaly**  
B73548

# Monochromacy



**Original Color**  
B82F5F

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
7E4C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B82F5F 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 #B82F5F looks like.

```
.text, #text, p{  
    color:#B82F5F  
}
```

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 #B82F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B82F5F  
}
```

## Border

The CSS property to change the border of an element to Hex B82F5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

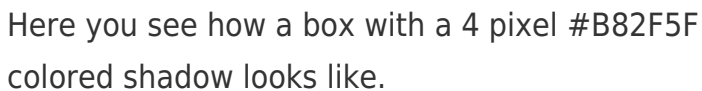
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B82F5F }
```

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

```
.border{ border-color:#B82F5F }
```

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



Here you see how a box with a 4 pixel #B82F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B82F5F; -webkit-box-shadow:4px 4px  
4px 4px #B82F5F; box-shadow:4px 4px 4px  
4px #B82F5F }
```

# Background

The CSS property to change the background color of an element to Hex B82F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B82F5F }
```

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

```
.background{ background-color:#B82F5F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor