

# Converting Colors

Hex(B8255F)

Have a look what the booklet for  
Hex(B8255F) contains.

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# Color

Hex(B8255F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8255F
RGB	184, 37, 95
RGB Percent	72%, 15%, 37%
CMY	0.2784, 0.8549, 0.6275
CMYK	0.00, 0.80, 0.48, 0.28
HSL	336°, 67%, 43%
HSV	336°, 80%, 72%
XYZ	22.4943, 12.3397, 12.0227
YIQ	87.5650, 68.9940, 49.2020

# Conversions

## Conversions Part 2

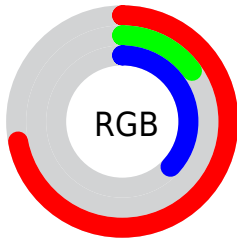
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 37, 95
Decimal	12068191
CIE <sub>Lab</sub>	41.75, 60.35, 3.62
CIE <sub>LCh</sub>	42, 60.459, 3.434
Yxy	12.3397, 0.4801, 0.2633
Android (android.graphics.Color)	4290258271 (0xFFB8255F)
YUV	87.5650, 3.6655, 84.5735
Hunter-Lab	35.1279, 52.8293, 4.2973

# Details

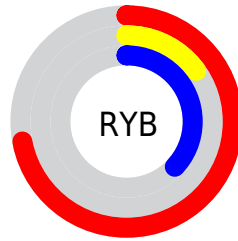
The Hex color **B8255F** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **25B87E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **F56291**, and **7D0031** is the 20% darker color. If you saturate the color by 10%, you get **B81354**, and if you desaturate by 10%, it is **B8376A**.

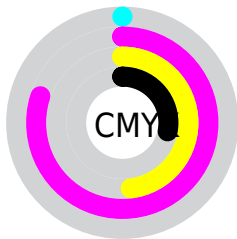
# Distribution



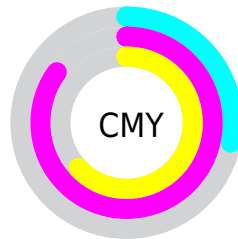
- Red (72%)
- Green (15%)
- Blue (37%)



- Red (72%)
- Yellow (15%)
- Blue (37%)



- Cyan (0%)
- Magenta (80%)
- Yellow (48%)
- Black (28%)



- Cyan (28%)
- Magenta (85%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8255F 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 B8255F by changing the saturation by 10% instead.



 B8255F

 B8255F

FFFFFF

 9A0048

 F56291

 7D0031

 FF7EAC

 60001D

 FF9AC7

 450002

 FFB7E3

 260001

 FFD4FF

 000000

 FFF1FF

 B8255F

 B8255F

 B81354

 B8376A

 B80049

 B84A75

 B85C80

 B86F8C

 B88197

 B893A2

 B8A6AD

 B8B8B8

 B8CBC3

# Harmonies

## Analogous

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



A13790



B8255F



B3352F

# Triad

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



B8255F



3F6F00



0073BC

# Complementary

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



B8255F



25B87E

# 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.



007898



B8255F



007533

# Square

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



B8255F



736200



007867



0067C7

# Rectangle

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



B8255F



A4460C



007867



0075B2



# Sweetspot

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



B8255F



F0B6CD



7D25B8



785563



F7F7F7



787878



# Same Dimension

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



B8255F



F00A64



B83425



5C5356



9C003D



1C000B



# Inverse Universe

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



B8255F



F00A64



25A9B8



5C5356



9C003D



1C000B



# Previews

## White Background



This preview shows how the Hex color B8255F looks on a white background.

## Color Contrast Check

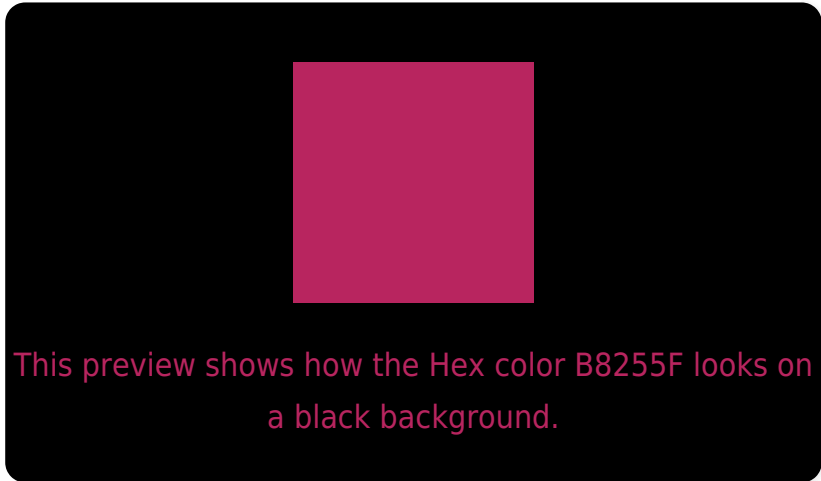
Large Text (above 18pt) WCAG AA ✓ Pass

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 B8255F Background



This preview shows how black text looks on a background with the Hex color B8255F.



This preview shows how white text looks on a background with the Hex color B8255F.

# 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



**Original Color**  
B8255F

**Protanopia**  
5B6381

**Deuteranopia**  
716058



**Tritanopia**  
B63133

# Trichromacy



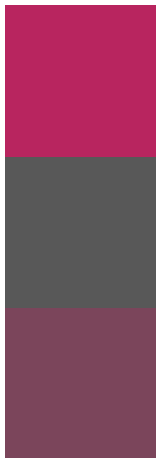
**Original Color**  
B8255F

**Protanomaly**  
7D4C75

**Deuteranomaly**  
8B4B5B

**Tritanomaly**  
B72D43

# Monochromacy



**Original Color**  
B8255F

**Achromatopsia**  
585858

**Achromatomaly**  
7B455B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8255F 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 #B8255F looks like.

```
.text, #text, p{  
    color:#B8255F  
}
```

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 #B8255F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8255F
}
```

## Border

The CSS property to change the border of an element to Hex B8255F is called "border". The border property can be set on classes, ids or directly on the HTML element.

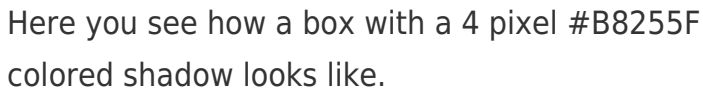
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8255F }
```

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

```
.border{ border-color:#B8255F }
```

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



Here you see how a box with a 4 pixel #B8255F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8255F; -webkit-box-shadow:4px 4px  
4px 4px #B8255F; box-shadow:4px 4px 4px  
4px #B8255F }
```

# Background

The CSS property to change the background color of an element to Hex B8255F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8255F }
```

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

```
.background{ background-color:#B8255F }
```

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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