

# Converting Colors

Hex(BA253F)

Have a look what the booklet for  
Hex(BA253F) contains.

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# Color

**Hex(BA253F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA253F
RGB	186, 37, 63
RGB Percent	73%, 15%, 25%
CMY	0.2706, 0.8549, 0.7529
CMYK	0.00, 0.80, 0.66, 0.27
HSL	350°, 67%, 44%
HSV	350°, 80%, 73%
XYZ	21.8085, 12.1211, 5.8928
YIQ	84.5150, 80.4580, 39.6740

# Conversions

## Conversions Part 2

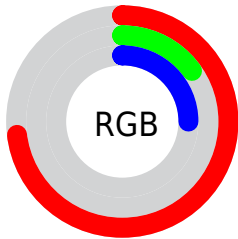
Format	Color
R <sub>Y</sub> B	186, 37, 63
Decimal	12199231
CIE Lab	41.41, 58.65, 23.33
CIE LCh	41, 63.122, 21.689
Yxy	12.1211, 0.5476, 0.3044
Android (android.graphics.Color)	4290389311 (0xFFBA253F)
YUV	84.5150, -10.6069, 89.0023
Hunter-Lab	34.8154, 50.8860, 14.3354

# Details

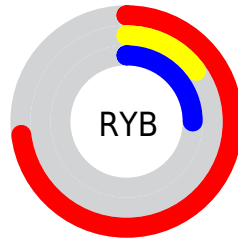
The Hex color **BA253F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **25BAA0**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **F8616E**, and **7D0015** is the 20% darker color. If you saturate the color by 10%, you get **BA1230**, and if you desaturate by 10%, it is **BA384E**.

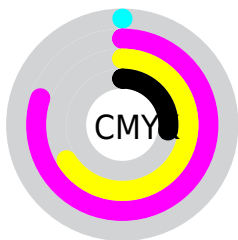
# Distribution



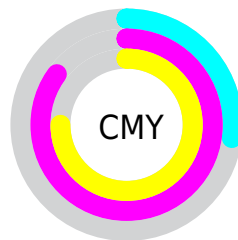
- Red (73%)
- Green (15%)
- Blue (25%)



- Red (73%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (80%)
- Yellow (66%)
- Black (27%)



- Cyan (27%)
- Magenta (85%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA253F 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 BA253F by changing the saturation by 10% instead.



 BA253F

 BA253F

FFFFFF

 9B0029

 F8616E

 7D0015

 FF7D88

 600000

 FF99A2

 430002

 FFB6BD

 230001

 FFD3D9

 000000

 FFF0F5

 BA253F

 BA253F

 BA1230

 BA384E

 BA0020

 BA4A5E

 BA5D6D

 BA6F7C

 BA828C

 BA959B

 BAA7AA

 BABABA

 BACCC9

# Harmonies

## Analogous

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



B52172



BA253F



A74209

# Triad

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



BA253F



007318



006CC9

# Complementary

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



BA253F



25BAA0

# 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.



0075B3



BA253F



007751

# Square

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



BA253F



536A00



007887



365AC3

# Rectangle

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



BA253F



905300



007887



0070C5



# Sweetspot

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



BA253F



F2B8C2



9F25BA



7A575D



FAFAFA



7A7A7A



# Same Dimension

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



BA253F



F20A32



BA5425



5C5354



9C001B



1C0005



# Inverse Universe

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



BA253F



F20A32



258BBA



5C5354



9C001B



1C0005



# Previews

## White Background



This preview shows how the Hex color BA253F looks on a white background.

## Color Contrast Check

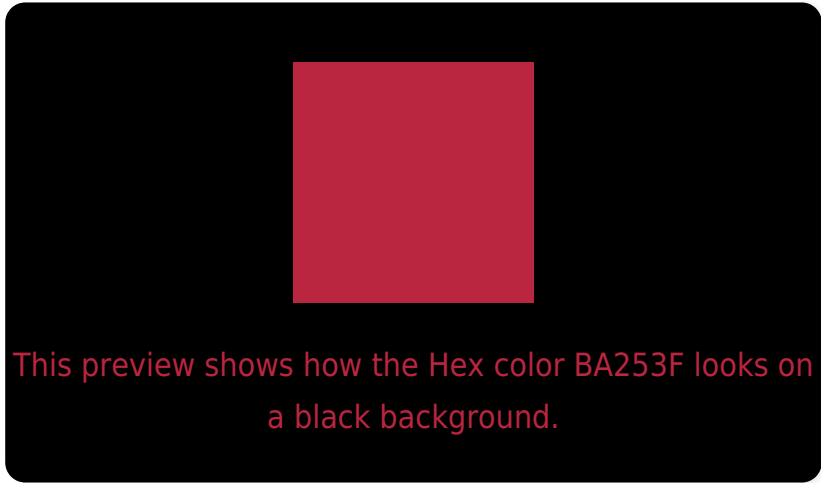
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA253F Background



This preview shows how black text looks on a background with the Hex color BA253F.

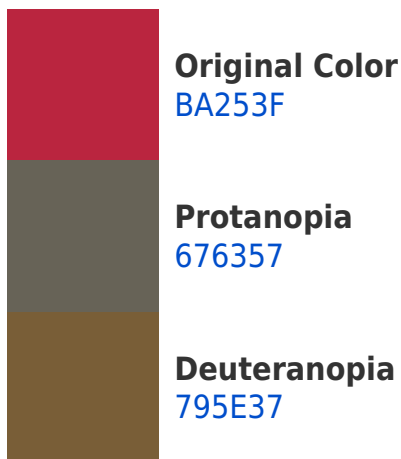



This preview shows how white text looks on a background with the Hex color BA253F.

# 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**  
B9292A

# Trichromacy



**Original Color**  
BA253F

**Protanomaly**  
854C4E

**Deuteranomaly**  
91493A

**Tritanomaly**  
B92832

# Monochromacy



**Original Color**  
BA253F

**Achromatopsia**  
555555

**Achromatomaly**  
7A444D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA253F 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 #BA253F looks like.

```
.text, #text, p{  
    color:#BA253F  
}
```

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 #BA253F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA253F
}
```

## Border

The CSS property to change the border of an element to Hex BA253F is called "border". The border property can be set on classes, ids or directly on the HTML element.

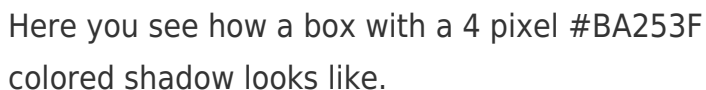
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA253F }
```

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

```
.border{ border-color:#BA253F }
```

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



Here you see how a box with a 4 pixel #BA253F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA253F; -webkit-box-shadow:4px 4px  
4px 4px #BA253F; box-shadow:4px 4px 4px  
4px #BA253F }
```

# Background

The CSS property to change the background color of an element to Hex BA253F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA253F }
```

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

```
.background{ background-color:#BA253F }
```

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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