

# Converting Colors

Hex(BA2954)

Have a look what the booklet for  
Hex(BA2954) contains.

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# Color

**Hex(BA2954)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA2954
RGB	186, 41, 84
RGB Percent	73%, 16%, 33%
CMY	0.2706, 0.8392, 0.6706
CMYK	0.00, 0.78, 0.55, 0.27
HSL	342°, 64%, 45%
HSV	342°, 78%, 73%
XYZ	22.6429, 12.6651, 9.6387
YIQ	89.2570, 72.6170, 44.1130

# Conversions

## Conversions Part 2

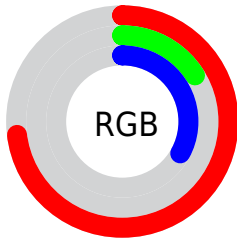
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">186, 41, 84</a>
Decimal	<a href="#">12200276</a>
CIELab	<a href="#">42.25, 58.86, 11.30</a>
CIELCh	<a href="#">42, 59.936, 10.870</a>
Yxy	<a href="#">12.6651, 0.5038, 0.2818</a>
Android (android.graphics.Color)	<a href="#">4290390356 (0xFFBA2954)</a>
YUV	<a href="#">89.2570, -2.5917, 84.8436</a>
Hunter-Lab	<a href="#">35.5880, 51.2915, 8.8535</a>

# Details

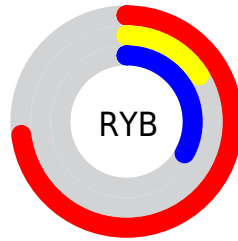
The Hex color **BA2954** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **29BA8F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **F76485**, and **7E0028** is the 20% darker color. If you saturate the color by 10%, you get **BA1647**, and if you desaturate by 10%, it is **BA3C61**.

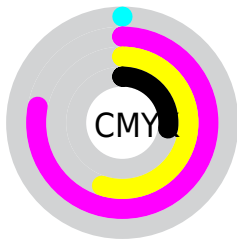
# Distribution



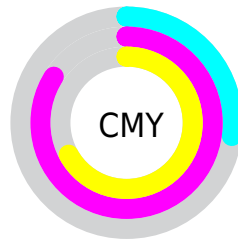
- Red (73%)
- Green (16%)
- Blue (33%)



- Red (73%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (78%)
- Yellow (55%)
- Black (27%)



- Cyan (27%)
- Magenta (84%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA2954 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 BA2954 by changing the saturation by 10% instead.



 BA2954

 BA2954

FFFFFF

 9C003D

 F76485

 7E0028

 FF809F

 610014

 FF9DBA

 450002

 FFB9D6

 270001

 FFD6F2

 000000

 FFF4FF

 BA2954

 BA2954

 BA1647

 BA3C61

 BA043A

 BA4E6E

 BA0037

 BA617B

 BA7388

 BA8695

 BA99A3

 BAABBO

 BABEBD

 BADOCA

# Harmonies

## Analogous

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



AB3385



BA2954



B03D25

# Triad

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



BA2954



2F7208



0072C2

# Complementary

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



BA2954



29BA8F

# 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.



0078A4



BA2954



007841

# Square

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



BA2954



696700



007A75



0064C6

# Rectangle

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



BA2954



9E4E00



007A75



0075BA



# Sweetspot

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



BA2954



F2BBCB



8F29BA



7A5862



FAFAFA



7A7A7A



# Same Dimension

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



BA2954



F20F52



BA4629



5C5355



9C002E



1C0008



# Inverse Universe

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



BA2954



F20F52



299DBA



5C5355



9C002E



1C0008



# Previews

## White Background



This preview shows how the Hex color BA2954 looks on a white background.

## Color Contrast Check

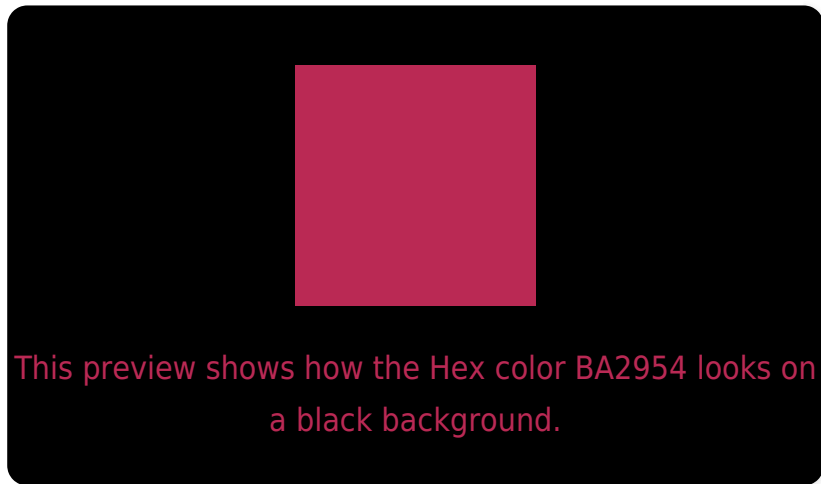
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA2954 Background



This preview shows how black text looks on a background with the Hex color BA2954.

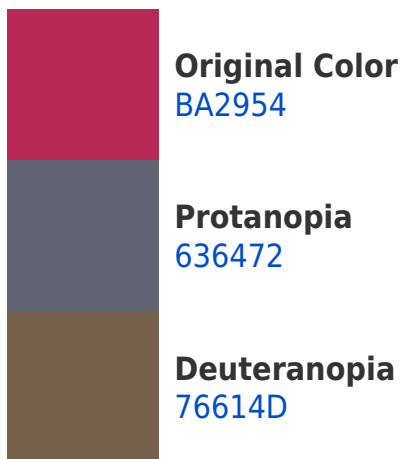



This preview shows how white text looks on a background with the Hex color BA2954.

# 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**  
B83133

# Trichromacy



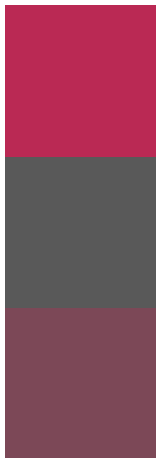
**Original Color**  
BA2954

**Protanomaly**  
834F67

**Deuteranomaly**  
8F4D50

**Tritanomaly**  
B92E3F

# Monochromacy



**Original Color**  
BA2954

**Achromatopsia**  
595959

**Achromatomaly**  
7C4857

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA2954 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 #BA2954 looks like.

```
.text, #text, p{  
    color:#BA2954  
}
```

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 #BA2954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA2954
}
```

## Border

The CSS property to change the border of an element to Hex BA2954 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
#BA2954 }
```

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

```
.border{ border-color:#BA2954 }
```

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

Here you see how a box with a 4 pixel #BA2954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA2954; -webkit-box-shadow:4px 4px  
4px 4px #BA2954; box-shadow:4px 4px 4px  
4px #BA2954 }
```

# Background

The CSS property to change the background color of an element to Hex BA2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA2954 }
```

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

```
.background{ background-color:#BA2954 }
```

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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