

# Converting Colors

RGB(185, 74, 127)

Have a look what the booklet for  
RGB(185, 74, 127) contains.

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# Color

**RGB(185, 74, 127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B94A7F
RGB	185, 74, 127
RGB Percent	73%, 29%, 50%
CMY	0.2745, 0.7098, 0.5020
CMYK	0.00, 0.60, 0.31, 0.27
HSL	331°, 44%, 51%
HSV	331°, 60%, 73%
XYZ	26.2871, 16.7442, 21.9251
YIQ	113.2310, 49.1430, 40.0150

# Conversions

## Conversions Part 2

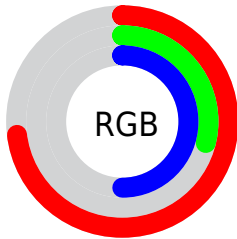
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 74, 127
Decimal	12143231
CIE <sub>Lab</sub>	47.94, 50.18, -6.99
CIE <sub>LCh</sub>	48, 50.664, 352.068
Yxy	16.7442, 0.4047, 0.2578
Android (android.graphics.Color)	4290333311 (0xFFB94A7F)
YUV	113.2310, 6.7881, 62.9414
Hunter-Lab	40.9196, 43.0607, -3.1244

# Details

The RGB color **185, 74, 127** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **74, 185, 132**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **244, 128, 180**, and **128, 12, 78** is the 20% darker color. If you saturate the color by 10%, you get **185, 56, 117**, and if you desaturate by 10%, it is **185, 93, 137**.

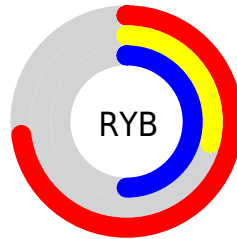
# Distribution



Red (73%)

Green (29%)

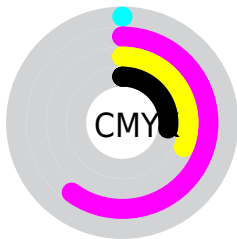
Blue (50%)



Red (73%)

Yellow (29%)

Blue (50%)

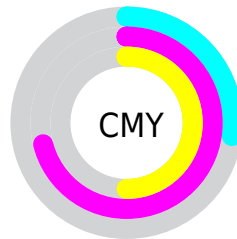


Cyan (0%)

Magenta (60%)

Yellow (31%)

Black (27%)



Cyan (27%)

Magenta (71%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 185, 74, 127 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 RGB color 185, 74, 127 by changing the saturation by 10% instead.





185, 74, 127



185, 74, 127

255, 255, 255



156, 46, 102



244, 128, 180



128, 12, 78



255, 155, 207



101, 0, 55



255, 183, 235



74, 0, 34



255, 212, 255



50, 0, 10



255, 241, 255



0, 0, 0



185, 74, 127



185, 74, 127



185, 56, 117



185, 93, 137



185, 37, 108




185, 111, 146

 185, 18, 98

 185, 130, 156

 185, 0, 88

 185, 148, 166

 185, 167, 175

 185, 185, 185

 185, 204, 195

 185, 222, 204

 185, 241, 214

# Harmonies

## Analogous

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



154, 88, 167



185, 74, 127



190, 75, 84

# Triad

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



185, 74, 127



105, 121, 25



0, 131, 181

# Complementary

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



185, 74, 127



74, 185, 132

# 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.



0, 134, 145



185, 74, 127



50, 129, 58

# Square

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



185, 74, 127



145, 108, 19



0, 133, 101



0, 122, 198

# Rectangle

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



185, 74, 127



182, 85, 58



0, 133, 101



0, 132, 170



# Sweetspot

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



185, 74, 127



240, 197, 217



131, 74, 185



120, 93, 106



247, 247, 247



120, 120, 120



# Same Dimension

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



185, 74, 127



240, 67, 150



185, 76, 74



92, 83, 87



156, 0, 74



28, 0, 13



# Inverse Universe

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



185, 74, 127



240, 67, 150



74, 183, 185



92, 83, 87



156, 0, 74



28, 0, 13



# Previews

## White Background



This preview shows how the RGB color 185, 74, 127 looks on a white background.

## Color Contrast Check

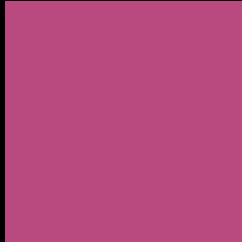
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 185, 74, 127 looks on a 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](#).



## RGB 185, 74, 127 Background



This preview shows how black text looks on a background with the RGB color 185, 74, 127.

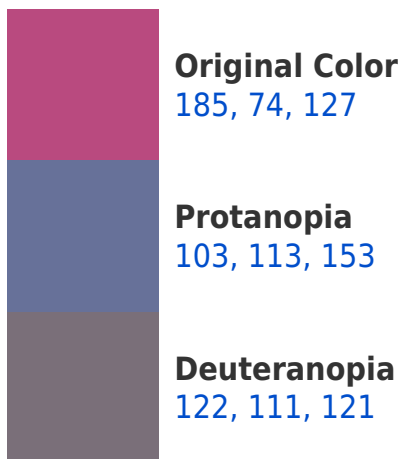


This preview shows how white text looks on a background with the RGB color 185, 74, 127.

# 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](#).

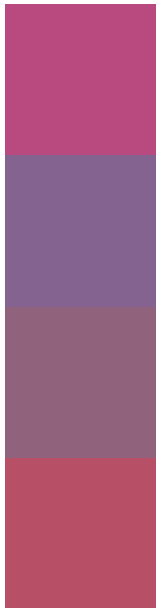
## Dichromacy





**Tritanopia**  
182, 83, 88

# Trichromacy



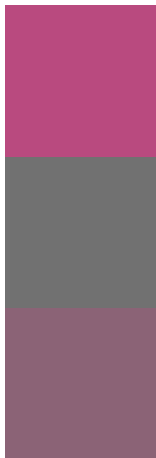
**Original Color**  
185, 74, 127

**Protanomaly**  
133, 99, 144

**Deuteranomaly**  
145, 98, 123

**Tritanomaly**  
183, 80, 102

# Monochromacy



**Original Color**  
185, 74, 127

**Achromatopsia**  
113, 113, 113

**Achromatomaly**  
139, 99, 118

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 185, 74, 127 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 `rgb(185, 74, 127)` looks like.

```
.text, #text, p{  
    color:rgb(185, 74, 127)  
}
```

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 rgb(185, 74, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 74, 127) }
```

## Border

The CSS property to change the border of an element to RGB 185, 74, 127 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 rgb(185, 74, 127) }
```

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

```
.border{ border-color:rgb(185, 74, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 74, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 74, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 74, 127); box-shadow:4px 4px 4px 4px rgb(185, 74, 127) }
```

# Background

The CSS property to change the background color of an element to RGB 185, 74, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 74, 127) }
```

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

```
.background{ background-color: rgb(185, 74,  
127) }
```

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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