

Converting Colors

RGB(94, 83, 153)

Have a look what the booklet for
RGB(94, 83, 153) contains.

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Color

RGB(94, 83, 153)

Conversions

Conversions Part 1

Format	Color
Hex	5E5399
RGB	94, 83, 153
RGB Percent	37%, 33%, 60%
CMY	0.6314, 0.6745, 0.4000
CMYK	0.39, 0.46, 0.00, 0.40
HSL	249°, 30%, 46%
HSV	249°, 46%, 60%
XYZ	13.4591, 10.8661, 31.5250
YIQ	94.2690, -15.9140, 24.1020

Conversions

Conversions Part 2

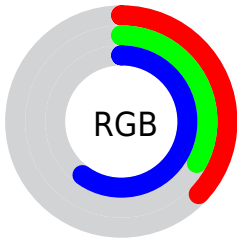
Format	Color
R_{YB}	94, 83, 153
Decimal	6181785
CIE _{Lab}	39.35, 22.02, -36.87
CIE _{LCh}	39, 42.946, 300.843
Yxy	10.8661, 0.2410, 0.1946
Android (android.graphics.Color)	4284371865 (0xFF5E5399)
YUV	94.2690, 28.9544, -0.2359
Hunter-Lab	32.9638, 15.1950, -33.6275

Details

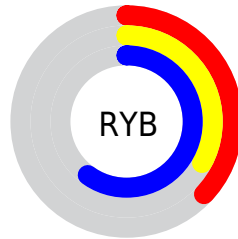
The RGB color **94, 83, 153** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142, 153, 83**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **147, 133, 208**, and **43, 38, 101** is the 20% darker color. If you saturate the color by 10%, you get **81, 68, 153**, and if you desaturate by 10%, it is **107, 98, 153**.

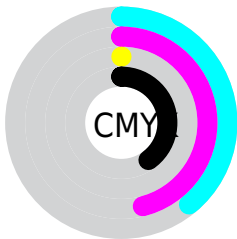
Distribution



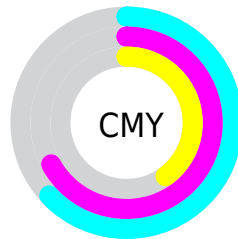
- Red (37%)
- Green (33%)
- Blue (60%)



- Red (37%)
- Yellow (33%)
- Blue (60%)



- Cyan (39%)
- Magenta (46%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 94, 83, 153 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 94, 83, 153 by changing the saturation by 10% instead.

 94, 83, 153


 94, 83, 153

255, 255, 255

 68, 60, 127

 147, 133, 208

 43, 38, 101

 174, 159, 236

 14, 18, 77

 202, 186, 255

 0, 0, 54

 231, 214, 255

 0, 2, 32

 255, 242, 255

 0, 0, 3

 0, 0, 0

 94, 83, 153

 94, 83, 153

 81, 68, 153

 107, 98, 153

68, 52, 153

120, 114, 153

55, 37, 153

133, 129, 153

42, 22, 153

146, 144, 153

30, 6, 153

158, 160, 153

24, 0, 153

171, 175, 153

184, 190, 153

197, 205, 153

210, 221, 153

Harmonies

Analogous

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



0, 96, 163



94, 83, 153



136, 68, 127

Triad

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



94, 83, 153



137, 78, 30



0, 109, 93

Complementary

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



94, 83, 153



142, 153, 83

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.



16, 107, 57



94, 83, 153



110, 91, 14

Square

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



94, 83, 153



154, 65, 59



75, 101, 27



0, 109, 128

Rectangle

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



94, 83, 153



150, 61, 105



75, 101, 27



0, 109, 80

Sweetspot

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



94, 83, 153



175, 171, 199



83, 142, 153



85, 83, 99



227, 227, 227



99, 99, 99

Same Dimension

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



94, 83, 153



107, 90, 199



129, 83, 153



70, 69, 77



22, 0, 140



2, 0, 13

Inverse Universe

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



153, 83, 142



199, 90, 182



107, 153, 83



77, 69, 75



140, 0, 118



13, 0, 11

Previews

White Background



This preview shows how the RGB color 94, 83, 153 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 94, 83, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

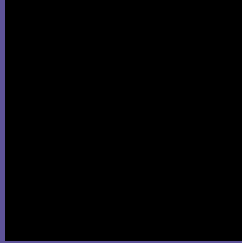
Any Text WCAG AA × Fail

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 94, 83, 153 Background



This preview shows how black text looks on a background with the RGB color 94, 83, 153.

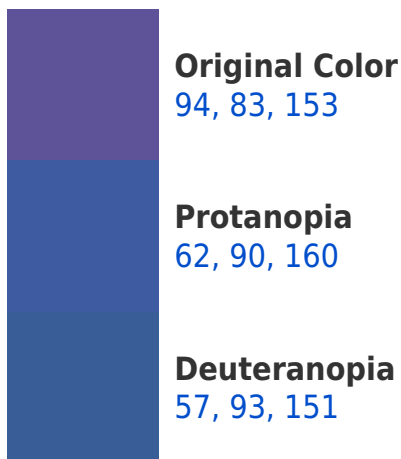


This preview shows how white text looks on a background with the RGB color 94, 83, 153.

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
82, 95, 102

Trichromacy



Original Color

94, 83, 153

Protanomaly

74, 87, 157

Deuteranomaly

70, 89, 152

Tritanomaly

86, 91, 121

Monochromacy



Original Color

94, 83, 153

Achromatopsia

94, 94, 94

Achromatomaly

94, 90, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 83, 153 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(94, 83, 153) looks like.

```
.text, #text, p{  
    color:rgb(94, 83, 153)  
}
```

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(94, 83, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 83, 153) }
```

Border

The CSS property to change the border of an element to RGB 94, 83, 153 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(94, 83, 153) }
```

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

```
.border{ border-color:rgb(94, 83, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 83, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 83, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 83, 153);  
box-shadow:4px 4px 4px 4px rgb(94, 83,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 94, 83, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 83, 153) }
```

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

```
.background{ background-color: rgb(94, 83,  
153) }
```

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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