

Converting Colors

RGB(94, 77, 143)

Have a look what the booklet for
RGB(94, 77, 143) contains.

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Color

RGB(94, 77, 143)

Conversions

Conversions Part 1	
Format	Color
Hex	5E4D8F
RGB	94, 77, 143
RGB Percent	37%, 30%, 56%
CMY	0.6314, 0.6980, 0.4392
CMYK	0.34, 0.46, 0.00, 0.44
HSL	255°, 30%, 43%
HSV	255°, 46%, 56%
XYZ	12.2279, 9.6706, 27.2087
YIQ	89.6070, -11.0540, 24.1300

Conversions

Conversions Part 2

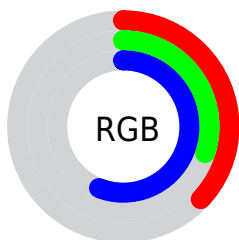
Format	Color
RYB	94, 77, 143
Decimal	6180239
CIELab	37.24, 22.91, -34.17
CIELCh	37, 41.140, 303.836
Yxy	9.6706, 0.2490, 0.1969
Android (android.graphics.Color)	4284370319 (0xFF5E4D8F)
YUV	89.6070, 26.3227, 3.8527
Hunter-Lab	31.0976, 15.7672, -30.1073

Details

The RGB color **94, 77, 143** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **126, 143, 77**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **146, 126, 197**, and **44, 32, 92** is the 20% darker color. If you saturate the color by 10%, you get **83, 63, 143**, and if you desaturate by 10%, it is **105, 91, 143**.

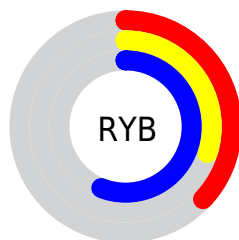
Distribution



Red (37%)

Green (30%)

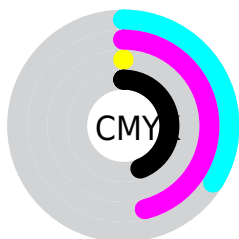
Blue (56%)



Red (37%)

Yellow (30%)

Blue (56%)

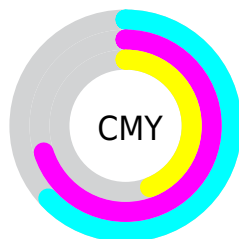


Cyan (34%)

Magenta (46%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (70%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 94, 77, 143 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, 77, 143 by changing the saturation by 10% instead.



94, 77, 143



94, 77, 143

255, 255, 255



69, 54, 117



146, 126, 197



44, 32, 92



174, 152, 225



18, 12, 68



202, 179, 254



0, 0, 46



230, 207, 255



0, 1, 24



255, 235, 255



0, 0, 0



94, 77, 143



94, 77, 143



83, 63, 143



105, 91, 143




73, 48, 143




115, 106, 143

 62, 34, 143

 126, 120, 143


 52, 20, 143


 136, 134, 143

 41, 5, 143

 147, 149, 143

 37, 0, 143

 158, 163, 143

 168, 177, 143

 179, 191, 143

 190, 206, 143

Harmonies

Analogous

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



3, 90, 154



94, 77, 143



131, 63, 117

Triad

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



94, 77, 143



128, 75, 26



0, 103, 91

Complementary

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



94, 77, 143



126, 143, 77

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.



1, 101, 57



94, 77, 143



101, 87, 13

Square

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



94, 77, 143



144, 62, 53



67, 96, 28



0, 103, 124

Rectangle

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



94, 77, 143



144, 57, 96



67, 96, 28



0, 103, 79

Sweetspot

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



94, 77, 143



167, 160, 186



77, 127, 143



82, 78, 94



222, 222, 222



94, 94, 94

Same Dimension

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



94, 77, 143



110, 84, 186



127, 77, 143



66, 64, 71



35, 0, 135



2, 0, 8

Inverse Universe

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



143, 77, 126



186, 84, 160



94, 143, 77



71, 64, 70



135, 0, 100



8, 0, 6

Previews

White Background



This preview shows how the RGB color 94, 77, 143 looks on a white background.

Color Contrast Check

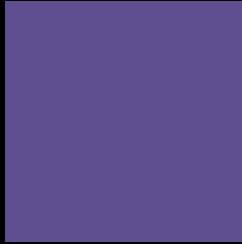
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 94, 77, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 77, 143 Background



This preview shows how black text looks on a background with the RGB color 94, 77, 143.



This preview shows how white text looks on a background with the RGB color 94, 77, 143.

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


94, 77, 143

Protanopia

59, 86, 151

Deuteranopia

57, 88, 141



Tritanopia

84, 88, 95

Trichromacy



Original Color

94, 77, 143

Protanomaly

72, 83, 148

Deuteranomaly

70, 84, 142

Tritanomaly

88, 84, 112

Monochromacy



Original Color

94, 77, 143

Achromatopsia

90, 90, 90

Achromatomaly

91, 85, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 77, 143 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, 77, 143) looks like.

```
.text, #text, p{  
    color:rgb(94, 77, 143)  
}
```

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, 77, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 77, 143) }
```

Border

The CSS property to change the border of an element to RGB 94, 77, 143 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, 77, 143) }
```

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

```
.border{ border-color:rgb(94, 77, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 77, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 77, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 77, 143);  
box-shadow:4px 4px 4px 4px rgb(94, 77,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 94, 77, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 77, 143) }
```

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

```
.background{ background-color: rgb(94, 77,  
143) }
```

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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