

Converting Colors

RGB(94, 64, 103)

Have a look what the booklet for
RGB(94, 64, 103) contains.

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Color

RGB(94, 64, 103)

Conversions

Conversions Part 1	
Format	Color
Hex	5E4067
RGB	94, 64, 103
RGB Percent	37%, 25%, 40%
CMY	0.6314, 0.7490, 0.5961
CMYK	0.09, 0.38, 0.00, 0.60
HSL	286°, 23%, 33%
HSV	286°, 38%, 40%
XYZ	8.8977, 7.0257, 13.7191
YIQ	77.4160, 5.3610, 18.4890

Conversions

Conversions Part 2

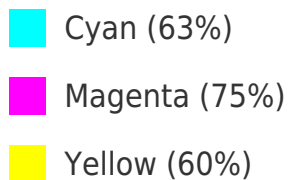
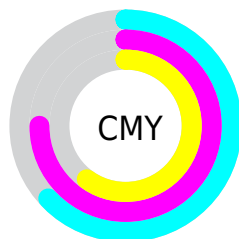
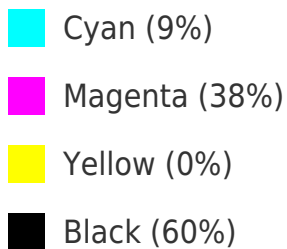
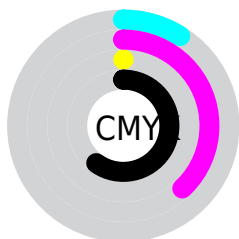
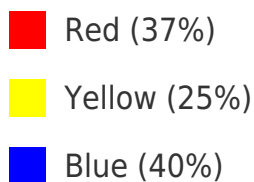
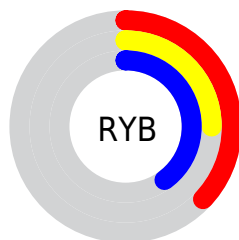
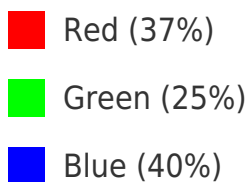
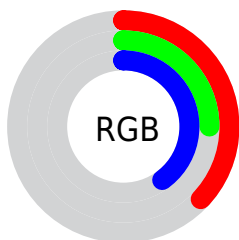
Format	Color
RYB	94, 64, 103
Decimal	6176871
CIELab	31.87, 20.71, -17.74
CIELCh	32, 27.271, 319.423
Yxy	7.0257, 0.3002, 0.2370
Android (android.graphics.Color)	4284366951 (0xFF5E4067)
YUV	77.4160, 12.6129, 14.5442
Hunter-Lab	26.5061, 13.5338, -12.1332

Details

The RGB color **94, 64, 103** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **73, 103, 64**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **145, 112, 154**, and **47, 20, 56** is the 20% darker color. If you saturate the color by 10%, you get **92, 54, 103**, and if you desaturate by 10%, it is **96, 74, 103**.

Distribution



Brightness & Saturation Gradients


These gradients show how the RGB color 94, 64, 103 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, 64, 103 by changing the saturation by 10% instead.

 94, 64, 103

 94, 64, 103

255, 255, 255

 70, 41, 79

 145, 112, 154

 47, 20, 56

 172, 138, 181

 28, 0, 35

 199, 164, 209

 0, 0, 9

 228, 192, 237

 0, 0, 0

 255, 220, 255

 255, 248, 255

 94, 64, 103

 94, 64, 103


 92, 54, 103

 96, 74, 103


 89, 43, 103

 99, 85, 103


 87, 33, 103


 101, 95, 103

 84, 23, 103

 104, 105, 103


 82, 13, 103

 106, 116, 103

 80, 2, 103

 108, 126, 103

 79, 0, 103

 111, 136, 103

 113, 146, 103

 115, 157, 103

Harmonies

Analogous

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



65, 72, 115



94, 64, 103



111, 58, 83

Triad

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



94, 64, 103



94, 71, 32



0, 86, 88

Complementary

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



94, 64, 103



73, 103, 64

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.



10, 85, 66



94, 64, 103



74, 78, 33

Square

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



94, 64, 103



109, 63, 43



49, 83, 46



0, 84, 107

Rectangle

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



94, 64, 103



115, 57, 69



49, 83, 46



0, 86, 81

Sweetspot

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



94, 64, 103



132, 120, 135



64, 73, 103



67, 60, 69



196, 196, 196



69, 69, 69

Same Dimension

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



94, 64, 103



121, 74, 135



103, 64, 93



50, 46, 51



88, 0, 115



186, 0, 242

Inverse Universe

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



103, 64, 73



135, 74, 88



64, 103, 74



51, 46, 47



115, 0, 26



242, 0, 56

Previews

White Background



This preview shows how the RGB color 94, 64, 103 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, 64, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

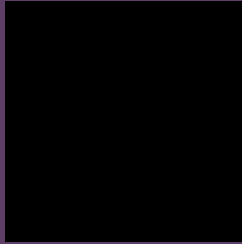
Any Text WCAG AA × Fail

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, 64, 103 Background



This preview shows how black text looks on a background with the RGB color 94, 64, 103.



This preview shows how white text looks on a background with the RGB color 94, 64, 103.

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

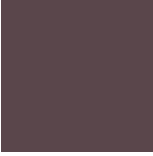
94, 64, 103

Protanopia

63, 74, 111

Deuteranopia

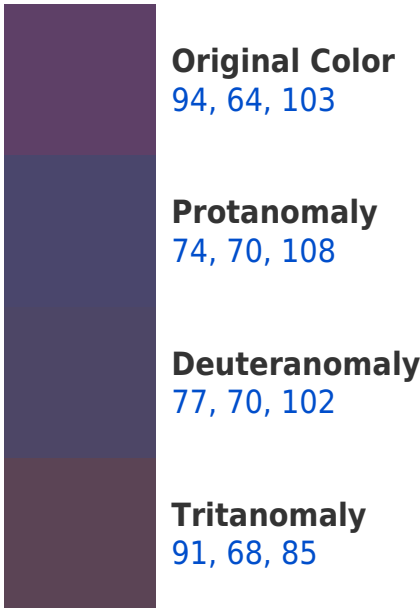
68, 74, 101



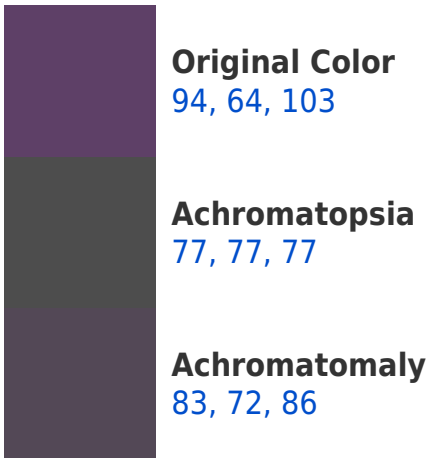
Tritanopia

90, 70, 75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 94, 64, 103 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, 64, 103) looks like.

```
.text, #text, p{  
    color:rgb(94, 64, 103)  
}
```

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, 64, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 64, 103) }
```

Border

The CSS property to change the border of an element to RGB 94, 64, 103 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, 64, 103) }
```

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

```
.border{ border-color:rgb(94, 64, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 64, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 64, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 64, 103);  
box-shadow:4px 4px 4px 4px rgb(94, 64,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 94, 64, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 64, 103) }
```

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

```
.background{ background-color: rgb(94, 64,  
103) }
```

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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