

Converting Colors

RGB(163, 93, 104)

Have a look what the booklet for
RGB(163, 93, 104) contains.

RGB(163, 93, 104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(163, 93, 104)

Conversions

Conversions Part 1

Format	Color
Hex	A35D68
RGB	163, 93, 104
RGB Percent	64%, 36%, 41%
CMY	0.3608, 0.6353, 0.5922
CMYK	0.00, 0.43, 0.36, 0.36
HSL	351°, 28%, 50%
HSV	351°, 43%, 64%
XYZ	21.5173, 16.6147, 15.1696
YIQ	115.1840, 38.1890, 18.2610

Conversions

Conversions Part 2

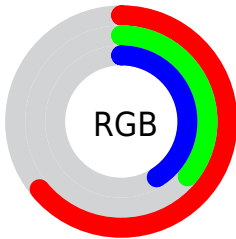
Format	Color
R_{YB}	163, 93, 104
Decimal	10706280
CIE _{Lab}	47.77, 29.86, 6.27
CIE _{LCh}	48, 30.510, 11.856
Yxy	16.6147, 0.4037, 0.3117
Android (android.graphics.Color)	4288896360 (0xFFA35D68)
YUV	115.1840, -5.5137, 41.9346
Hunter-Lab	40.7611, 22.8959, 6.4676

Details

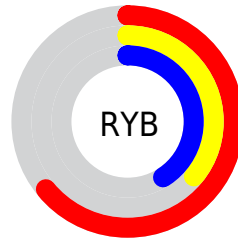
The RGB color **163, 93, 104** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **93, 163, 152**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **220, 145, 155**, and **109, 45, 57** is the 20% darker color. If you saturate the color by 10%, you get **163, 77, 90**, and if you desaturate by 10%, it is **163, 109, 118**.

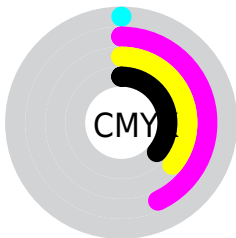
Distribution



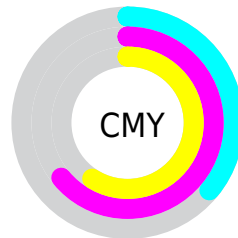
- Red (64%)
- Green (36%)
- Blue (41%)



- Red (64%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (43%)
- Yellow (36%)
- Black (36%)



- Cyan (36%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 93, 104 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 163, 93, 104 by changing the saturation by 10% instead.


 163, 93, 104  163, 93, 104

255, 255, 255  136, 68, 80


 220, 145, 155  109, 45, 57

 249, 171, 182  83, 21, 36

 255, 199, 209  57, 0, 14

 255, 227, 238  34, 0, 1

 0, 0, 0

 163, 93, 104  163, 93, 104

 163, 77, 90  163, 109, 118

 163, 60, 77  163, 126, 131

163, 44, 63

163, 142, 145

163, 28, 49

163, 158, 159

163, 12, 35

163, 175, 173

163, 0, 26

163, 191, 186

163, 207, 200

163, 223, 214

163, 240, 228

Harmonies

Analogous

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



153, 95, 130



163, 93, 104



159, 98, 80

Triad

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



163, 93, 104



92, 122, 74



42, 120, 162

Complementary

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



163, 93, 104



93, 163, 152

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, 125, 147



163, 93, 104



58, 126, 96

Square

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



163, 93, 104



120, 115, 62



2, 127, 123



92, 112, 163

Rectangle

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



163, 93, 104



149, 103, 69



2, 127, 123



18, 122, 158

Sweetspot

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



163, 93, 104



212, 184, 188



151, 93, 163



107, 90, 93



235, 235, 235



107, 107, 107

Same Dimension

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



163, 93, 104



212, 102, 119



163, 116, 93



82, 73, 75



145, 0, 23



18, 0, 3

Inverse Universe

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



163, 93, 104



212, 102, 119



93, 140, 163



82, 73, 75



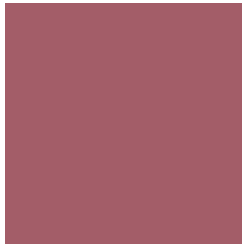
145, 0, 23



18, 0, 3

Previews

White Background



This preview shows how the RGB color 163, 93, 104 looks on a white background.

Color Contrast Check

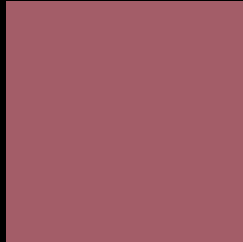
Large Text (above 18pt) WCAG AA ✓ Pass

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 163, 93, 104 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 163, 93, 104 Background



This preview shows how black text looks on a background with the RGB color 163, 93, 104.



This preview shows how white text looks on a background with the RGB color 163, 93, 104.

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

163, 93, 104

Protanopia

115, 113, 115

Deuteranopia

129, 110, 101



Tritanopia
163, 94, 100

Trichromacy



Original Color
163, 93, 104

Protanomaly
132, 106, 111

Deuteranomaly
141, 104, 102

Tritanomaly
163, 94, 101

Monochromacy



Original Color
163, 93, 104

Achromatopsia
115, 115, 115

Achromatomaly
132, 107, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 93, 104 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(163, 93, 104)` looks like.

```
.text, #text, p{  
    color:rgb(163, 93, 104)  
}
```

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(163, 93, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 93, 104) }
```

Border

The CSS property to change the border of an element to RGB 163, 93, 104 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(163, 93, 104) }
```

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

```
.border{ border-color:rgb(163, 93, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 93, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 93, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 93, 104);  
box-shadow:4px 4px 4px 4px rgb(163, 93,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 163, 93, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 93, 104) }
```

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

```
.background{ background-color: rgb(163, 93,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor