

Converting Colors

RGB(163, 145, 158)

Have a look what the booklet for
RGB(163, 145, 158) contains.

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Color

RGB(163, 145, 158)

Conversions

Conversions Part 1

Format	Color
Hex	A3919E
RGB	163, 145, 158
RGB Percent	64%, 57%, 62%
CMY	0.3608, 0.4314, 0.3804
CMYK	0.00, 0.11, 0.03, 0.36
HSL	317°, 9%, 60%
HSV	317°, 11%, 64%
XYZ	31.4012, 30.5060, 36.5810
YIQ	151.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

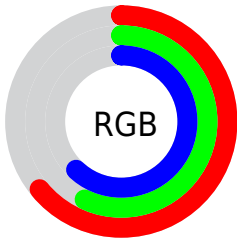
Format	Color
R_{YB}	163, 145, 158
Decimal	10719646
CIE _{Lab}	62.09, 9.06, -4.40
CIE _{LCh}	62, 10.077, 334.101
Yxy	30.5060, 0.3188, 0.3097
Android (android.graphics.Color)	4288909726 (0xFFA3919E)
YUV	151.8640, 3.0250, 9.7663
Hunter-Lab	55.2322, 4.8264, -0.6060

Details

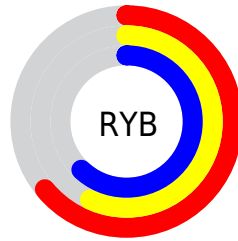
The RGB color **163, 145, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 163, 150**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **218, 199, 213**, and **111, 95, 107** is the 20% darker color. If you saturate the color by 10%, you get **163, 129, 153**, and if you desaturate by 10%, it is **163, 161, 163**.

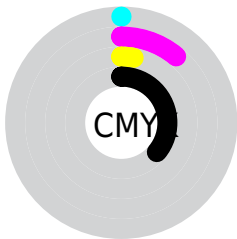
Distribution



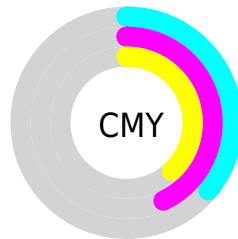
- Red (64%)
- Green (57%)
- Blue (62%)



- Red (64%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 145, 158 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, 145, 158 by changing the saturation by 10% instead.


 163, 145, 158


255, 255, 255

 218, 199, 213


 246, 227, 241


 163, 145, 158

 137, 119, 132

 111, 95, 107

 87, 71, 83

 63, 48, 60

 41, 27, 38

 22, 1, 17

 0, 0, 0

 163, 145, 158


 163, 129, 153


 163, 145, 158


 163, 161, 163

 163, 112, 149


 163, 178, 167

 163, 96, 144

 163, 194, 172

 163, 80, 140


 163, 210, 176

 163, 64, 135


 163, 227, 181

 163, 47, 131

 163, 243, 185

 163, 31, 126

 163, 255, 190

 163, 15, 122

 163, 255, 194

 163, 0, 118

 163, 255, 199

Harmonies

Analogous

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



153, 147, 165



163, 145, 158



169, 144, 149

Triad

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



163, 145, 158



156, 150, 132



128, 155, 160

Complementary

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



163, 145, 158



145, 163, 150

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.



129, 155, 151



163, 145, 158



146, 153, 135

Square

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



163, 145, 158



164, 147, 134



136, 155, 142



133, 153, 166

Rectangle

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



163, 145, 158



169, 144, 143



136, 155, 142



128, 155, 157

Sweetspot

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



163, 145, 158



212, 205, 210



150, 145, 163



107, 103, 106



235, 235, 235



107, 107, 107

Same Dimension

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



163, 145, 158



212, 184, 204



163, 145, 149



82, 73, 79



145, 0, 105



18, 0, 13

Inverse Universe

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



163, 145, 158



212, 184, 204



145, 163, 159



82, 73, 79



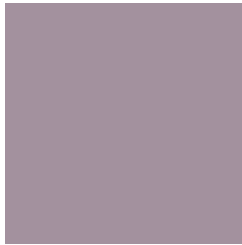
145, 0, 105



18, 0, 13

Previews

White Background



This preview shows how the RGB color 163, 145, 158 looks on a white background.

Color Contrast Check

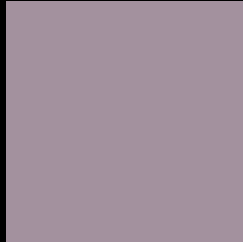
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 163, 145, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

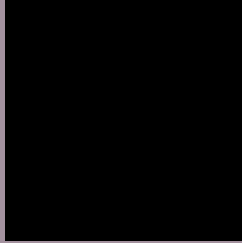
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 163, 145, 158 Background



This preview shows how black text looks on a background with the RGB color 163, 145, 158.



This preview shows how white text looks on a background with the RGB color 163, 145, 158.

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, 145, 158

Protanopia
150, 149, 161

Deuteranopia
161, 146, 158



Tritanopia
163, 145, 157

Trichromacy



Original Color

163, 145, 158

Protanomaly

155, 148, 160

Deuteranomaly

162, 146, 158

Tritanomaly

163, 145, 157

Monochromacy



Original Color

163, 145, 158

Achromatopsia

152, 152, 152

Achromatomaly

156, 149, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 145, 158 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, 145, 158) looks like.

```
.text, #text, p{  
    color:rgb(163, 145, 158)  
}
```

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, 145, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 145, 158) }
```

Border

The CSS property to change the border of an element to RGB 163, 145, 158 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, 145, 158) }
```

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

```
.border{ border-color:rgb(163, 145, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 145, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 145, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 145, 158);  
box-shadow:4px 4px 4px 4px rgb(163, 145,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 163, 145, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 145, 158) }
```

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

```
.background{ background-color: rgb(163,  
145, 158) }
```

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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