Converting Colors

RGB(147, 149, 145)

Have a look what the booklet for RGB(147, 149, 145) contains.

Color

RGB(147, 149, 145)

Conversions

Conversions Part 1

Format	Color
Hex	939591
RGB	147, 149, 145
RGB Percent	58%, 58%, 57%
CMY	0.4235, 0.4157, 0.4314
CMYK	0.01, 0.00, 0.03, 0.42
HSL	90°, 2%, 58%
HSV	90°, 3%, 58%
XYZ	27.8909, 29.7423, 31.0589
YIQ	147.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

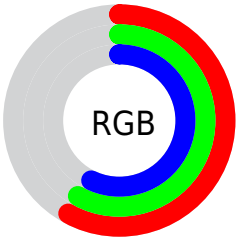
Format	Color
RYB	145, 149, 147
Decimal	9672081
CIELab	61.43, -1.50, 1.85
CIELCh	61, 2.376, 128.996
Yxy	29.7423, 0.3145, 0.3353
Android (android.graphics.Color)	4287862161 (0xFF939591)
YUV	147.9460, -1.4524, -0.8296
Hunter-Lab	54.5365, -4.1508, 4.4095

Details

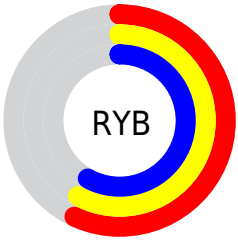
The RGB color 147, 149, 145 is a light color, and the websafe version is hex 999999. A complement of this color would be 147, 145, 149, and the grayscale version is 148, 148, 148.

A 20% lighter version of the original color is 201, 203, 199, and 96, 98, 95 is the 20% darker color. If you saturate the color by 10%, you get 140, 149, 130, and if you desaturate by 10%, it is 154, 149, 160.

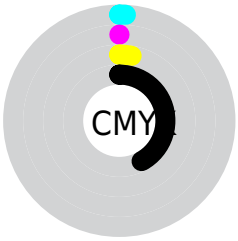
Distribution



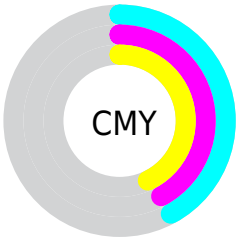
- Red (58%)
- Green (58%)
- Blue (57%)



- Red (57%)
- Yellow (58%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 149, 145 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 147, 149, 145 by changing the saturation by 10% instead.

147, 149, 145

255, 255, 255

201, 203, 199

229, 231, 227

147, 149, 145

121, 123, 119

96, 98, 95

73, 75, 71

50, 52, 49

29, 31, 28

3, 6, 1

0, 0, 0

147, 149, 145

140, 149, 130

147, 149, 145

154, 149, 160

132, 149, 115

125, 149, 100

117, 149, 85

110, 149, 70

102, 149, 56

95, 149, 41

87, 149, 26

80, 149, 11

162, 149, 175

169, 149, 190

177, 149, 205

184, 149, 219

192, 149, 234

199, 149, 249

207, 149, 255

214, 149, 255

Harmonies

Analogous

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

149, 148, 144

147, 149, 145

145, 149, 147

Triad

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

147, 149, 145

145, 149, 152

153, 147, 148

Complementary

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

147, 149, 145

147, 145, 149

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.

152, 147, 150

147, 149, 145

147, 148, 152

Square

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

147, 149, 145

144, 149, 151

150, 148, 152

153, 147, 146

Rectangle

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

147, 149, 145

144, 150, 148

150, 148, 152

153, 147, 148

Sweetspot

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

147, 149, 145

193, 194, 192

149, 147, 145

96, 97, 96

224, 224, 224

97, 97, 97

Same Dimension

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

147, 149, 145

191, 194, 188

145, 149, 145

72, 74, 71

69, 138, 0

5, 10, 0

Inverse Universe

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

147, 145, 149

191, 188, 194

149, 145, 149

72, 71, 74

69, 0, 138

5, 0, 10

Previews

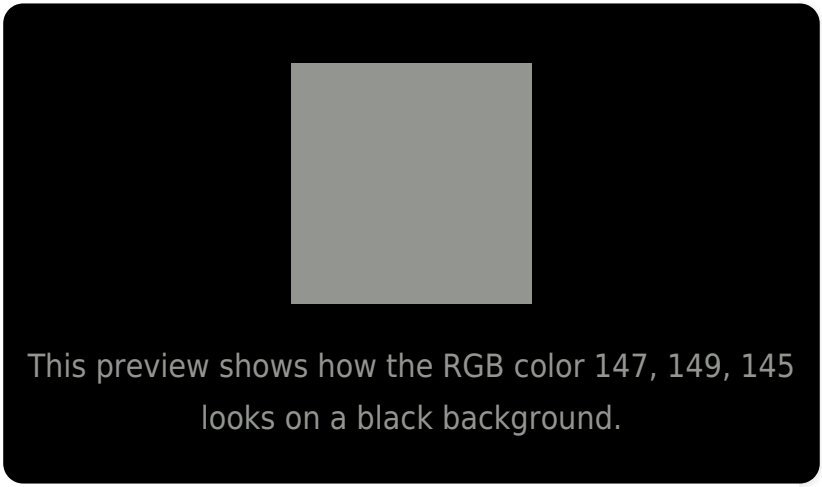
White Background

This preview shows how the RGB color 147, 149, 145 looks on a white 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

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 ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 147, 149, 145 Background

This preview shows how black text looks on a background with the RGB color 147, 149, 145.

This preview shows how white text looks on a background with the RGB color 147, 149, 145.

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
147, 149, 145

Protanopia
152, 148, 144

Deuteranopia
163, 143, 146

Tritanopia
149, 147, 159

Trichromacy

Original Color
147, 149, 145

Protanomaly
150, 148, 144

Deuteranomaly
157, 145, 146

Tritanomaly
148, 148, 154

Monochromacy

Original Color
147, 149, 145

Achromatopsia
148, 148, 148

Achromatomaly
148, 148, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 149, 145 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(147, 149, 145) looks like.

```
.text, #text, p{
    color:rgb(147, 149, 145)
}
```

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(147, 149, 145) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(147, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 149, 145) }
```

Border

The CSS property to change the border of an element to RGB 147, 149, 145 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(147, 149, 145) }
```

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

```
.border{ border-color:rgb(147, 149, 145) }
```

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

Here you see how a box with a 4 pixel rgb(147, 149, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 149, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 149, 145); box-shadow:4px 4px 4px 4px rgb(147, 149, 145) }
```

Background

The CSS property to change the background color of an element to RGB 147, 149, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(147, 149, 145) }
```

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

```
.background{ background-color:rgb(147,
149, 145) }
```

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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