Converting Colors

RGB(123, 139, 146)

Have a look what the booklet for RGB(123, 139, 146) contains.

Color

RGB(123, 139, 146)

Conversions

Conversions Part 1

Format	Color
Hex	7B8B92
RGB	123, 139, 146
RGB Percent	48%, 55%, 57%
CMY	0.5176, 0.4549, 0.4275
CMYK	0.16, 0.05, 0.00, 0.43
HSL	198°, 10%, 53%
HSV	198°, 16%, 57%
XYZ	22.5893, 24.7515, 30.7811
YIQ	135.0140, -11.7830, -1.2150

Conversions

Conversions Part 2

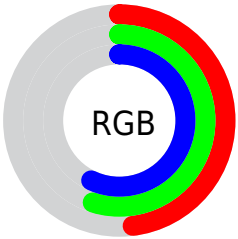
Format	Color
RYB	123, 132, 146
Decimal	8096658
CIELab	56.83, -4.22, -5.69
CIELCh	57, 7.083, 233.422
Yxy	24.7515, 0.2892, 0.3168
Android (android.graphics.Color)	4286286738 (0xFF7B8B92)
YUV	135.0140, 5.4161, -10.5363
Hunter-Lab	49.7509, -6.0165, -1.8573

Details

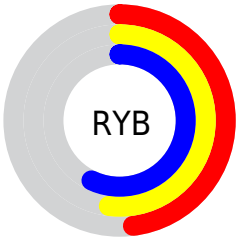
The RGB color 123, 139, 146 is a dark color, and the websafe version is hex 999999. A complement of this color would be 146, 130, 123, and the grayscale version is 135, 135, 135.

A 20% lighter version of the original color is 176, 192, 200, and 74, 89, 96 is the 20% darker color. If you saturate the color by 10%, you get 108, 135, 146, and if you desaturate by 10%, it is 138, 143, 146.

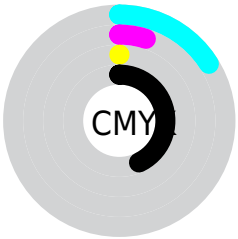
Distribution



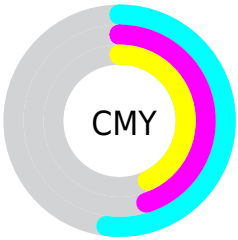
- Red (48%)
- Green (55%)
- Blue (57%)



- Red (48%)
- Yellow (52%)
- Blue (57%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (43%)



- Cyan (52%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 139, 146 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 123, 139, 146 by changing the saturation by 10% instead.

123, 139, 146

255, 255, 255

176, 192, 200

203, 220, 228

231, 249, 255

123, 139, 146

98, 114, 120

74, 89, 96

51, 66, 72

29, 44, 49

7, 23, 29

0, 0, 1

0, 0, 0

123, 139, 146

108, 135, 146

123, 139, 146

138, 143, 146

94, 130, 146

79, 126, 146

65, 121, 146

50, 117, 146

35, 112, 146

21, 108, 146

6, 103, 146

0, 102, 146

152, 148, 146

167, 152, 146

181, 157, 146

196, 161, 146

211, 166, 146

225, 170, 146

240, 175, 146

254, 179, 146

Harmonies

Analogous

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

121, 140, 141

123, 139, 146

129, 137, 148

Triad

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

123, 139, 146

148, 132, 138

136, 137, 125

Complementary

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

123, 139, 146

146, 130, 123

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.

143, 135, 124

123, 139, 146

150, 132, 132

Square

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

123, 139, 146

143, 133, 144

148, 134, 127

129, 139, 129

Rectangle

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

123, 139, 146

133, 136, 148

148, 134, 127

139, 137, 124

Sweetspot

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

123, 139, 146

179, 186, 189

123, 146, 130

89, 93, 94

222, 222, 222

94, 94, 94

Same Dimension

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

123, 139, 146

153, 178, 189

123, 128, 146

67, 72, 74

0, 96, 138

0, 7, 10

Inverse Universe

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

146, 123, 139

189, 153, 178

146, 141, 123

74, 67, 72

138, 0, 96

10, 0, 7

Previews

White Background

This preview shows how the RGB color 123, 139, 146 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 123, 139, 146 Background

This preview shows how black text looks on a background with the RGB color 123, 139, 146.

This preview shows how white text looks on a background with the RGB color 123, 139, 146.

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
123, 139, 146

Protanopia
136, 135, 144

Deuteranopia
144, 132, 147

Tritanopia
124, 138, 149

Trichromacy

Original Color
123, 139, 146

Protanomaly
131, 136, 145

Deuteranomaly
136, 135, 147

Tritanomaly
124, 138, 148

Monochromacy

Original Color
123, 139, 146

Achromatopsia
135, 135, 135

Achromatomaly
131, 136, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 139, 146 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(123, 139, 146) looks like.

```
.text, #text, p{
    color:rgb(123, 139, 146)
}
```

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(123, 139, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 139, 146) }
```

Border

The CSS property to change the border of an element to RGB 123, 139, 146 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(123, 139, 146) }
```

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

```
.border{ border-color:rgb(123, 139, 146) }
```

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

Here you see how a box with a 4 pixel rgb(123, 139, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 139, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 139, 146); box-shadow:4px 4px 4px 4px rgb(123, 139, 146) }
```

Background

The CSS property to change the background color of an element to RGB 123, 139, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(123, 139, 146) }
```

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

```
.background{ background-color:rgb(123,
139, 146) }
```

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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