

Converting Colors

RGB(147, 153, 173)

Have a look what the booklet for
RGB(147, 153, 173) contains.

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Color

RGB(147, 153, 173)

Conversions

Conversions Part 1

Format	Color
Hex	9399AD
RGB	147, 153, 173
RGB Percent	58%, 60%, 68%
CMY	0.4235, 0.4000, 0.3216
CMYK	0.15, 0.12, 0.00, 0.32
HSL	226°, 14%, 63%
HSV	226°, 15%, 68%
XYZ	30.9667, 32.0026, 44.0802
YIQ	153.4860, -9.9960, 4.9480

Conversions

Conversions Part 2

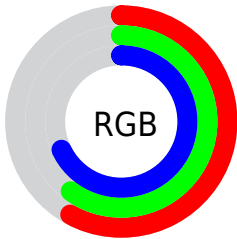
Format	Color
RYB	147, 152, 173
Decimal	9673133
CIELab	63.35, 2.05, -11.15
CIELCh	63, 11.337, 280.396
Yxy	32.0026, 0.2893, 0.2990
Android (android.graphics.Color)	4287863213 (0xFF9399AD)
YUV	153.4860, 9.6204, -5.6882
Hunter-Lab	56.5709, -1.2888, -6.5993

Details

The RGB color **147, 153, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173, 167, 147**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **201, 207, 228**, and **96, 102, 121** is the 20% darker color. If you saturate the color by 10%, you get **130, 140, 173**, and if you desaturate by 10%, it is **164, 166, 173**.

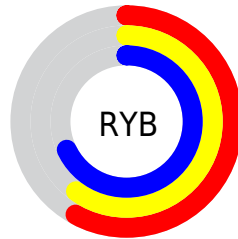
Distribution



Red (58%)

Green (60%)

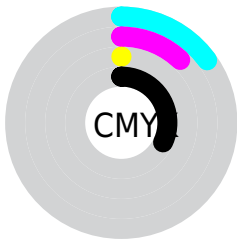
Blue (68%)



Red (58%)

Yellow (60%)

Blue (68%)

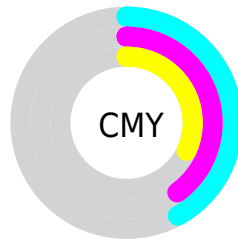


Cyan (15%)

Magenta (12%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 153, 173 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, 153, 173 by changing the saturation by 10% instead.

■ 147, 153, 173

255, 255, 255

■ 201, 207, 228

■ 229, 235, 255

■ 147, 153, 173

■ 121, 127, 146

■ 96, 102, 121

■ 72, 78, 96

■ 49, 55, 72

■ 28, 34, 50

■ 4, 12, 29

■ 0, 0, 0

■ 147, 153, 173

■ 130, 140, 173

■ 147, 153, 173

■ 164, 166, 173

■ 112, 126, 173

■ 182, 180, 173

■ 95, 113, 173

■ 199, 193, 173

■ 78, 100, 173

■ 216, 206, 173

■ 61, 86, 173

■ 234, 220, 173

■ 43, 73, 173

■ 251, 233, 173

■ 26, 60, 173

■ 255, 246, 173

■ 9, 47, 173

■ 255, 255, 173

■ 0, 40, 173

Harmonies

Analogous

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



135, 156, 172



147, 153, 173



160, 150, 169

Triad

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



147, 153, 173



174, 148, 141



136, 159, 146

Complementary

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



147, 153, 173



173, 167, 147

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.



146, 157, 138



147, 153, 173



168, 150, 135

Square

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



147, 153, 173



175, 147, 150



158, 154, 134



129, 159, 157

Rectangle

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



147, 153, 173



167, 148, 163



158, 154, 134



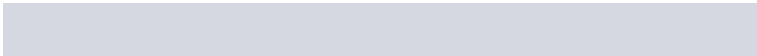
139, 158, 143

Sweetspot

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



147, 153, 173



213, 216, 224



147, 173, 167



105, 107, 112



240, 240, 240



112, 112, 112

Same Dimension

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



147, 153, 173



184, 193, 224



154, 147, 173



78, 80, 87



0, 35, 150



0, 5, 23

Inverse Universe

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



173, 147, 153



224, 184, 193



166, 173, 147



87, 78, 80



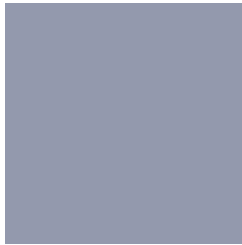
150, 0, 35



23, 0, 5

Previews

White Background



This preview shows how the RGB color 147, 153, 173 looks on a white background.

Color Contrast Check

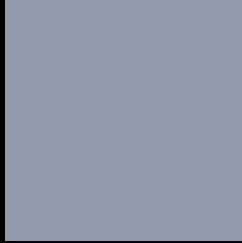
Large Text (above 18pt) WCAG AA × Fail

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 147, 153, 173 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 147, 153, 173 Background



This preview shows how black text looks on a background with the RGB color 147, 153, 173.



This preview shows how white text looks on a background with the RGB color 147, 153, 173.

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](#).

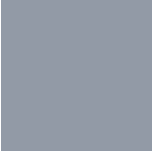
Dichromacy



Original Color
[147](#), [153](#), [173](#)

Protanopia
[150](#), [152](#), [172](#)

Deuteranopia
[158](#), [149](#), [174](#)



Tritanopia
146, 154, 166

Trichromacy



Original Color

147, 153, 173

Protanomaly

149, 152, 172

Deuteranomaly

154, 150, 174

Tritanomaly

146, 154, 169

Monochromacy



Original Color

147, 153, 173

Achromatopsia

153, 153, 153

Achromatomaly

151, 153, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 153, 173 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, 153, 173)` looks like.

```
.text, #text, p{  
    color:rgb(147, 153, 173)  
}
```

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, 153, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 153, 173) }
```

Border

The CSS property to change the border of an element to RGB 147, 153, 173 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, 153, 173) }
```

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

```
.border{ border-color:rgb(147, 153, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 153, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(147, 153,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 147, 153, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 153, 173) }
```

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

```
.background{ background-color: rgb(147,  
153, 173) }
```

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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