

Converting Colors

RGB(147, 153, 214)

Have a look what the booklet for
RGB(147, 153, 214) contains.

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Color

RGB(147, 153, 214)

Conversions

Conversions Part 1

Format	Color
Hex	9399D6
RGB	147, 153, 214
RGB Percent	58%, 60%, 84%
CMY	0.4235, 0.4000, 0.1608
CMYK	0.31, 0.29, 0.00, 0.16
HSL	235°, 45%, 71%
HSV	235°, 31%, 84%
XYZ	35.5615, 33.8405, 68.2759
YIQ	158.1600, -23.1570, 17.6990

Conversions

Conversions Part 2

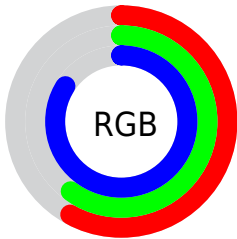
Format	Color
RYB	147, 153, 214
Decimal	9673174
CIELab	64.84, 11.86, -31.81
CIELCh	65, 33.951, 290.443
Yxy	33.8405, 0.2583, 0.2458
Android (android.graphics.Color)	4287863254 (0xFF9399D6)
YUV	158.1600, 27.5291, -9.7873
Hunter-Lab	58.1726, 7.3166, -28.8665

Details

The RGB color **147, 153, 214** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **214, 208, 147**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **202, 207, 255**, and **94, 102, 159** is the 20% darker color. If you saturate the color by 10%, you get **126, 134, 214**, and if you desaturate by 10%, it is **168, 172, 214**.

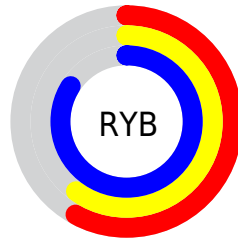
Distribution



Red (58%)

Green (60%)

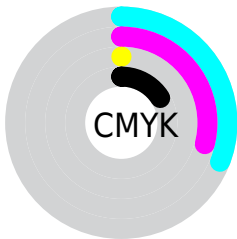
Blue (84%)



Red (58%)

Yellow (60%)

Blue (84%)

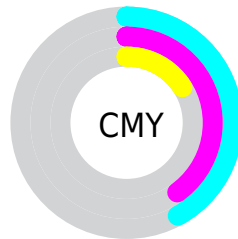


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (40%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 153, 214 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, 214 by changing the saturation by 10% instead.

■ 147, 153, 214

255, 255, 255

■ 202, 207, 255

■ 231, 235, 255

■ 147, 153, 214

■ 120, 127, 186

■ 94, 102, 159

■ 68, 78, 133

■ 43, 56, 107


■ 14, 34, 83

■ 0, 13, 59


■ 0, 2, 37


■ 0, 1, 13


■ 0, 0, 0


 147, 153, 214

 147, 153, 214

 126, 134, 214

 168, 172, 214

 104, 114, 214

 190, 192, 214

 83, 95, 214

 211, 211, 214

 61, 75, 214


 233, 231, 214

 40, 56, 214

 254, 250, 214

 19, 36, 214

 255, 255, 214

 0, 19, 214

Harmonies

Analogous

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



98, 163, 217



147, 153, 214



186, 142, 196

Triad

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



147, 153, 214



208, 142, 112



83, 173, 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, 214



214, 208, 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.



122, 169, 118



147, 153, 214



186, 152, 97

Square

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



147, 153, 214



217, 135, 138



157, 162, 100



46, 173, 177

Rectangle

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



147, 153, 214



204, 137, 178



157, 162, 100



96, 172, 136

Sweetspot

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



147, 153, 214



232, 234, 255



147, 214, 207



113, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



147, 153, 214



158, 167, 255



174, 147, 214



96, 97, 107



0, 15, 171



0, 4, 43

Inverse Universe

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



214, 147, 153



255, 158, 167



187, 214, 147



107, 96, 97



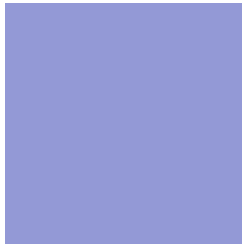
171, 0, 15



43, 0, 4

Previews

White Background



This preview shows how the RGB color 147, 153, 214 looks on a white background.

Color Contrast Check

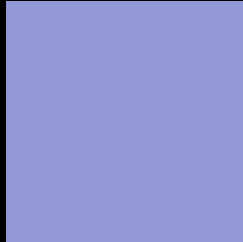
Large Text (above 18pt) WCAG AA × Fail

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, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

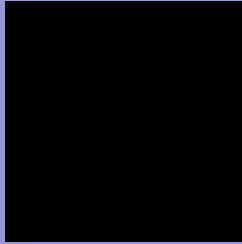
Any Text WCAG AA ✓ Pass

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, 214 Background



This preview shows how black text looks on a background with the RGB color 147, 153, 214.



This preview shows how white text looks on a background with the RGB color 147, 153, 214.

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

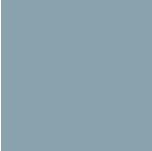
147, 153, 214

Protanopia

139, 155, 216

Deuteranopia

140, 155, 214



Tritanopia
138, 161, 174

Trichromacy



Original Color
147, 153, 214

Protanomaly
142, 154, 215

Deuteranomaly
143, 154, 214

Tritanomaly
141, 158, 189

Monochromacy



Original Color
147, 153, 214

Achromatopsia
158, 158, 158

Achromatomaly
154, 156, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 153, 214 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(147, 153, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 153, 214) }
```

Border

The CSS property to change the border of an element to RGB 147, 153, 214 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, 214) }
```

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

```
.border{ border-color:rgb(147, 153, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 153, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 153, 214);  
box-shadow:4px 4px 4px 4px rgb(147, 153,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 147, 153, 214 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, 214) }
```

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

```
.background{ background-color: rgb(147,  
153, 214) }
```

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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