

Converting Colors

RGB(150, 166, 217)

Have a look what the booklet for
RGB(150, 166, 217) contains.

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Color

RGB(150, 166, 217)

Conversions

Conversions Part 1

Format	Color
Hex	96A6D9
RGB	150, 166, 217
RGB Percent	59%, 65%, 85%
CMY	0.4118, 0.3490, 0.1490
CMYK	0.31, 0.24, 0.00, 0.15
HSL	226°, 47%, 72%
HSV	226°, 31%, 85%
XYZ	38.7383, 38.7662, 71.0865
YIQ	167.0300, -25.9070, 12.4690

Conversions

Conversions Part 2

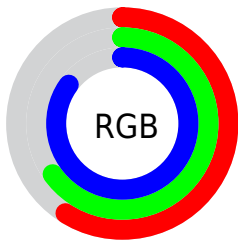
Format	Color
RYB	150, 163, 217
Decimal	9873113
CIELab	68.58, 6.14, -27.67
CIELCh	69, 28.344, 282.504
Yxy	38.7662, 0.2607, 0.2609
Android (android.graphics.Color)	4288063193 (0xFF96A6D9)
YUV	167.0300, 24.6352, -14.9353
Hunter-Lab	62.2625, 2.0991, -24.1090

Details

The RGB color **150, 166, 217** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **217, 201, 150**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **205, 221, 255**, and **97, 114, 162** is the 20% darker color. If you saturate the color by 10%, you get **128, 149, 217**, and if you desaturate by 10%, it is **172, 183, 217**.

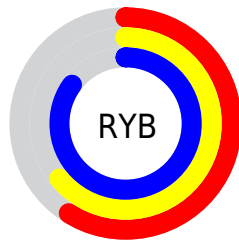
Distribution



Red (59%)

Green (65%)

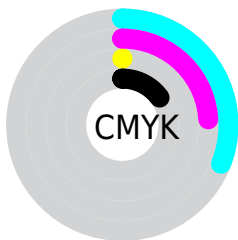
Blue (85%)



Red (59%)

Yellow (64%)

Blue (85%)

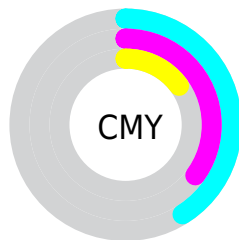


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (41%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 166, 217 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 150, 166, 217 by changing the saturation by 10% instead.

■ 150, 166, 217

255, 255, 255

■ 205, 221, 255

■ 234, 249, 255

■ 150, 166, 217

■ 123, 140, 189

■ 97, 114, 162

■ 72, 90, 136

■ 46, 67, 110

■ 18, 45, 85

■ 0, 24, 62

■ 0, 3, 40

■ 0, 1, 18

■ 0, 0, 0

■ 150, 166, 217

■ 150, 166, 217

■ 128, 149, 217

■ 172, 183, 217

■ 107, 133, 217

■ 193, 199, 217

■ 85, 116, 217

■ 215, 216, 217

■ 63, 100, 217

■ 237, 232, 217

■ 42, 83, 217

■ 255, 249, 217

■ 20, 67, 217

■ 255, 255, 217

■ 0, 52, 217

Harmonies

Analogous

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



113, 174, 216



150, 166, 217



184, 157, 205

Triad

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



150, 166, 217



215, 153, 134



116, 180, 151

Complementary

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



150, 166, 217



217, 201, 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.



146, 176, 129



150, 166, 217



199, 161, 119

Square

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



150, 166, 217



219, 148, 157



175, 169, 117



92, 182, 177

Rectangle

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



150, 166, 217



202, 152, 191



175, 169, 117



126, 179, 143

Sweetspot

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



150, 166, 217



232, 238, 255



150, 217, 200



113, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 166, 217



161, 183, 255



167, 150, 217



99, 101, 110



0, 41, 173



0, 11, 46

Inverse Universe

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



217, 150, 166



255, 161, 183



200, 217, 150



110, 99, 101



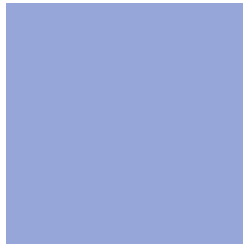
173, 0, 41



46, 0, 11

Previews

White Background



This preview shows how the RGB color 150, 166, 217 looks on a white background.

Color Contrast Check

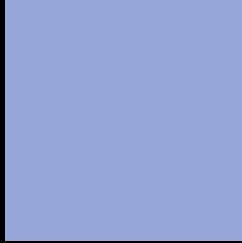
Large Text (above 18pt) WCAG AA × Fail

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 150, 166, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

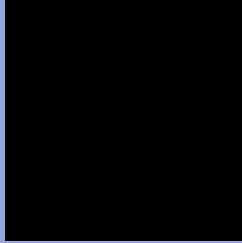
Any Text WCAG AA ✓ Pass

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 150, 166, 217 Background



This preview shows how black text looks on a background with the RGB color 150, 166, 217.



This preview shows how white text looks on a background with the RGB color 150, 166, 217.

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

150, 166, 217

Protanopia

154, 165, 216

Deuteranopia

156, 164, 217



Tritanopia
143, 172, 185

Trichromacy



Original Color
150, 166, 217

Protanomaly
153, 165, 216

Deuteranomaly
154, 165, 217

Tritanomaly
146, 170, 197

Monochromacy



Original Color
150, 166, 217

Achromatopsia
167, 167, 167

Achromatomaly
161, 167, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 166, 217 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(150, 166, 217)` looks like.

```
.text, #text, p{  
    color:rgb(150, 166, 217)  
}
```

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(150, 166, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 166, 217) }
```

Border

The CSS property to change the border of an element to RGB 150, 166, 217 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(150, 166, 217) }
```

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

```
.border{ border-color:rgb(150, 166, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 166, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 166, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 166, 217);  
box-shadow:4px 4px 4px 4px rgb(150, 166,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 150, 166, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 166, 217) }
```

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

```
.background{ background-color: rgb(150,  
166, 217) }
```

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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