

Converting Colors

RGB(139, 152, 216)

Have a look what the booklet for
RGB(139, 152, 216) contains.

RGB(139, 152, 216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(139, 152, 216)

Conversions

Conversions Part 1

Format	Color
Hex	8B98D8
RGB	139, 152, 216
RGB Percent	55%, 60%, 85%
CMY	0.4549, 0.4039, 0.1529
CMYK	0.36, 0.30, 0.00, 0.15
HSL	230°, 50%, 70%
HSV	230°, 36%, 85%
XYZ	34.2704, 32.9033, 69.5105
YIQ	155.4090, -28.2920, 17.1480

Conversions

Conversions Part 2

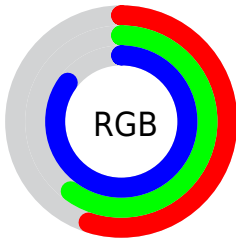
Format	Color
RYB	139, 150, 216
Decimal	9148632
CIELab	64.08, 10.69, -34.14
CIElCh	64, 35.772, 287.389
Yxy	32.9033, 0.2507, 0.2407
Android (android.graphics.Color)	4287338712 (0xFF8B98D8)
YUV	155.4090, 29.8714, -14.3907
Hunter-Lab	57.3614, 6.2617, -31.6946

Details

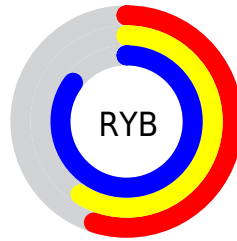
The RGB color **139, 152, 216** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **216, 203, 139**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **194, 206, 255**, and **86, 101, 161** is the 20% darker color. If you saturate the color by 10%, you get **117, 134, 216**, and if you desaturate by 10%, it is **161, 170, 216**.

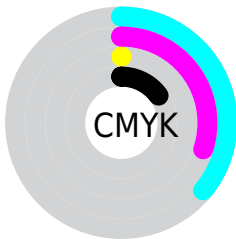
Distribution



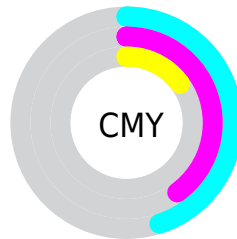
- Red (55%)
- Green (60%)
- Blue (85%)



- Red (55%)
- Yellow (59%)
- Blue (85%)



- Cyan (36%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 152, 216 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 139, 152, 216 by changing the saturation by 10% instead.


 139, 152, 216


255, 255, 255


 194, 206, 255

 223, 234, 255

 252, 255, 255

 139, 152, 216


 112, 126, 188

 86, 101, 161

 59, 77, 134

 31, 55, 109

 0, 34, 84

 0, 12, 61

 0, 3, 38


 0, 1, 15


 0, 0, 0


 139, 152, 216

 139, 152, 216

 117, 134, 216

 161, 170, 216

 96, 116, 216


 182, 188, 216

 74, 98, 216

 204, 206, 216

 53, 80, 216


 225, 224, 216

 31, 62, 216

 247, 242, 216

 9, 44, 216

 255, 255, 216

 0, 36, 216

Harmonies

Analogous

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



84, 162, 217



139, 152, 216



182, 140, 199

Triad

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



139, 152, 216



210, 138, 110



80, 171, 140

Complementary

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



139, 152, 216



216, 203, 139

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.



121, 167, 111



139, 152, 216



188, 149, 93

Square

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



139, 152, 216



218, 131, 138



158, 159, 93



29, 172, 173

Rectangle

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



139, 152, 216



202, 134, 181



158, 159, 93



95, 170, 130

Sweetspot

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



139, 152, 216



227, 232, 255



139, 216, 202



111, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 152, 216



145, 164, 255



163, 139, 216



96, 98, 107



0, 29, 171



0, 7, 43

Inverse Universe

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



216, 139, 152



255, 145, 164



192, 216, 139



107, 96, 98



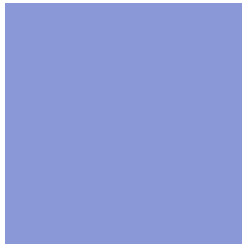
171, 0, 29



43, 0, 7

Previews

White Background



This preview shows how the RGB color 139, 152, 216 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 139, 152, 216 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 139, 152, 216 Background



This preview shows how black text looks on a background with the RGB color 139, 152, 216.



This preview shows how white text looks on a background with the RGB color 139, 152, 216.

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
139, 152, 216

Protanopia
136, 153, 217

Deuteranopia
135, 153, 216



Tritanopia
129, 160, 173

Trichromacy



Original Color
139, 152, 216

Protanomaly
137, 153, 217

Deuteranomaly
136, 153, 216

Tritanomaly
133, 157, 189

Monochromacy



Original Color
139, 152, 216

Achromatopsia
155, 155, 155

Achromatomaly
149, 154, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 152, 216 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(139, 152, 216)` looks like.

```
.text, #text, p{  
    color:rgb(139, 152, 216)  
}
```

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(139, 152, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 152, 216) }
```

Border

The CSS property to change the border of an element to RGB 139, 152, 216 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(139, 152, 216) }
```

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

```
.border{ border-color:rgb(139, 152, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 152, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 152, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 152, 216);  
box-shadow:4px 4px 4px 4px rgb(139, 152,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 139, 152, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 152, 216) }
```

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

```
.background{ background-color: rgb(139,  
152, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor