

Converting Colors

RGB(144, 174, 206)

Have a look what the booklet for
RGB(144, 174, 206) contains.

RGB(144, 174, 206)	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(144, 174, 206)

Conversions

Conversions Part 1

Format	Color
Hex	90AECE
RGB	144, 174, 206
RGB Percent	56%, 68%, 81%
CMY	0.4353, 0.3176, 0.1922
CMYK	0.30, 0.16, 0.00, 0.19
HSL	211°, 39%, 69%
HSV	211°, 30%, 81%
XYZ	37.7782, 40.6576, 64.2491
YIQ	168.6780, -28.1520, 3.5920

Conversions

Conversions Part 2

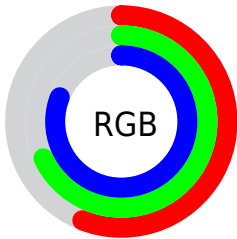
Format	Color
RYB	144, 164, 206
Decimal	9481934
CIELab	69.94, -2.79, -19.59
CIElCh	70, 19.784, 261.903
Yxy	40.6576, 0.2648, 0.2849
Android (android.graphics.Color)	4287672014 (0xFF90AECE)
YUV	168.6780, 18.3997, -21.6426
Hunter-Lab	63.7633, -5.8289, -15.1074

Details

The RGB color **144, 174, 206** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **206, 176, 144**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **199, 229, 255**, and **92, 122, 152** is the 20% darker color. If you saturate the color by 10%, you get **123, 163, 206**, and if you desaturate by 10%, it is **165, 185, 206**.

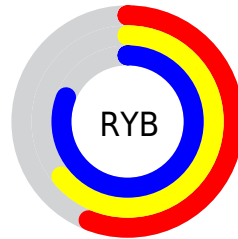
Distribution



Red (56%)

Green (68%)

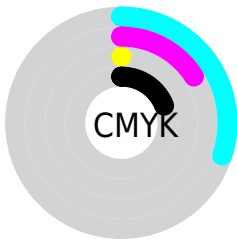
Blue (81%)



Red (56%)

Yellow (64%)

Blue (81%)

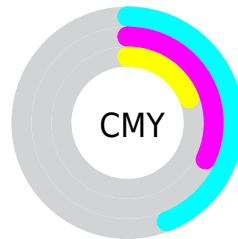


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (44%)


Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 144, 174, 206 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 144, 174, 206 by changing the saturation by 10% instead.

 144, 174, 206


255, 255, 255

 199, 229, 255


 227, 255, 255

 144, 174, 206


 118, 147, 178

 92, 122, 152

 66, 97, 126

 41, 73, 101

 14, 51, 77

 0, 30, 54

 0, 2, 33

 0, 0, 5

 0, 0, 0

■ 144, 174, 206

■ 144, 174, 206

■ 123, 163, 206

■ 165, 185, 206

■ 103, 153, 206

■ 185, 195, 206

■ 82, 142, 206

■ 206, 206, 206

■ 62, 131, 206

■ 226, 217, 206

■ 41, 121, 206

■ 247, 227, 206

■ 20, 110, 206

■ 255, 238, 206

■ 0, 100, 206

■ 255, 248, 206

■ 255, 255, 206

Harmonies

Analogous

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



126, 179, 199



144, 174, 206



168, 168, 204

Triad

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



144, 174, 206



208, 159, 158



150, 178, 148

Complementary

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



144, 174, 206



206, 176, 144

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.



171, 174, 137



144, 174, 206



203, 162, 143

Square

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



144, 174, 206



204, 159, 177



189, 168, 136



132, 181, 165

Rectangle

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



144, 174, 206



183, 164, 198



189, 168, 136



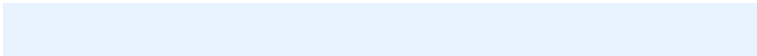
157, 177, 144

Sweetspot

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



144, 174, 206



232, 243, 255



144, 206, 175



113, 120, 128



0, 0, 0



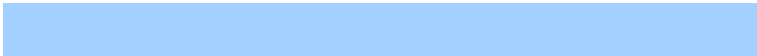
128, 128, 128

Same Dimension

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



144, 174, 206



163, 208, 255



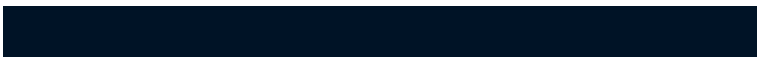
144, 144, 206



92, 97, 102



0, 80, 166



0, 19, 38

Inverse Universe

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



206, 144, 174



255, 163, 208



206, 206, 144



102, 92, 97



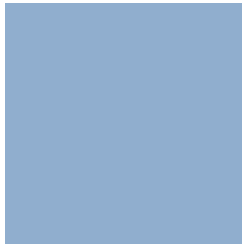
166, 0, 80



38, 0, 19

Previews

White Background



This preview shows how the RGB color 144, 174, 206 looks on a white background.

Color Contrast Check

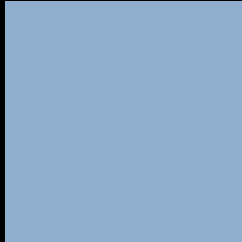
Large Text (above 18pt) WCAG AA × Fail

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 144, 174, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

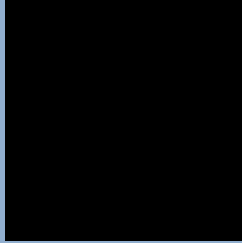
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

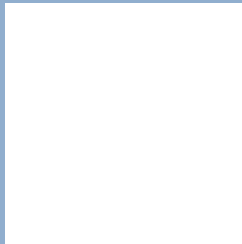
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 144, 174, 206 Background



This preview shows how black text looks on a background with the RGB color 144, 174, 206.



This preview shows how white text looks on a background with the RGB color 144, 174, 206.

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
144, 174, 206

Protanopia
164, 169, 203

Deuteranopia
169, 167, 207



Tritanopia
141, 177, 191

Trichromacy



Original Color
144, 174, 206

Protanomaly
157, 171, 204

Deuteranomaly
160, 170, 207

Tritanomaly
142, 176, 196

Monochromacy



Original Color
144, 174, 206

Achromatopsia
169, 169, 169

Achromatomaly
160, 171, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 174, 206 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(144, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 206)  
}
```

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(144, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 206) }
```

Border

The CSS property to change the border of an element to RGB 144, 174, 206 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(144, 174, 206) }
```

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

```
.border{ border-color:rgb(144, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(144, 174,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 144, 174, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 206) }
```

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

```
.background{ background-color: rgb(144,  
174, 206) }
```

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