

Converting Colors

`RYB(144, 168, 204)`

Have a look what the booklet for
RYB(144, 168, 204) contains.

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Color

R_YB(144, 168, 204)

Conversions

Conversions Part 1

Format	Color
Hex	90B8CC
RGB	144, 184, 204
RGB Percent	56%, 72%, 80%
CMY	0.4353, 0.2784, 0.2000
CMYK	0.29, 0.10, 0.00, 0.20
HSL	200°, 37%, 68%
HSV	200°, 29%, 80%
XYZ	39.5412, 44.5699, 63.6456
YIQ	174.3200, -30.2600, -2.2600

Conversions

Conversions Part 2

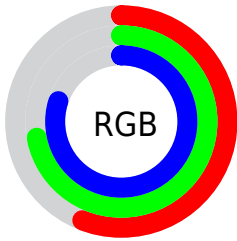
Format	Color
RYB	144, 168, 204
Decimal	9484492
CIELab	72.61, -8.67, -14.45
CIELCh	73, 16.855, 239.029
Yxy	44.5699, 0.2676, 0.3016
Android (android.graphics.Color)	4287674572 (0xFF90B8CC)
YUV	174.3200, 14.6322, -26.5906
Hunter-Lab	66.7607, -11.1088, -9.7910

Details

The RYB color **144, 168, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204, 174, 144**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **199, 223, 255**, and **92, 115, 150** is the 20% darker color. If you saturate the color by 10%, you get **124, 156, 204**, and if you desaturate by 10%, it is **164, 180, 204**.

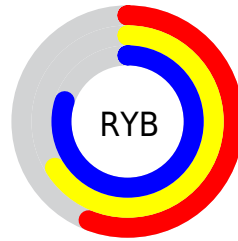
Distribution



Red (56%)

Green (72%)

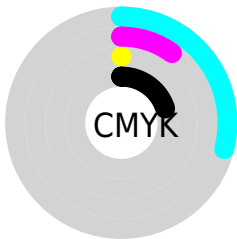
Blue (80%)



Red (56%)

Yellow (66%)

Blue (80%)

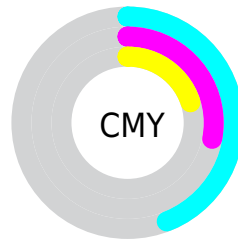


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (20%)



Cyan (44%)


Magenta (28%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 168, 204 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 RYB color 144, 168, 204 by changing the saturation by 10% instead.


 144, 168, 204


255, 255, 255

 199, 223, 255


 228, 242, 255

 144, 168, 204

 117, 141, 177


 92, 115, 150

 66, 90, 124

 41, 65, 99

 13, 39, 75

 0, 22, 52

 0, 11, 31

 0, 0, 4

 0, 0, 0

■ 144, 168, 204

■ 144, 168, 204

■ 124, 156, 204

■ 164, 180, 204

■ 103, 143, 204

■ 185, 193, 204

■ 83, 132, 204

■ 205, 204, 204

■ 62, 119, 204

■ 226, 214, 204

■ 42, 107, 204

■ 246, 225, 204

■ 22, 95, 204

■ 255, 240, 204

■ 1, 82, 204

■ 246, 255, 204

■ 0, 82, 204

■ 230, 255, 204

■ 216, 255, 204

Harmonies

Analogous

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



137, 163, 192



144, 168, 204



160, 174, 209

Triad

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



144, 168, 204



209, 168, 179



151, 182, 159

Complementary

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



144, 168, 204



204, 174, 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.



169, 191, 148



144, 168, 204



210, 168, 164

Square

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



144, 168, 204



198, 170, 194



204, 185, 152



156, 180, 185

Rectangle

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



144, 168, 204



174, 176, 207



204, 185, 152



149, 180, 149

Sweetspot

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



144, 168, 204



232, 241, 255



144, 189, 204



113, 119, 128



0, 0, 0



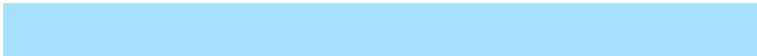
128, 128, 128

Same Dimension

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



144, 168, 204



166, 201, 255



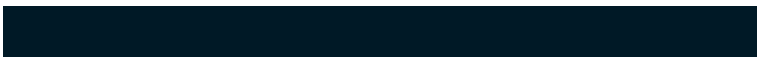
144, 153, 204



92, 96, 102



0, 66, 166



0, 15, 38

Inverse Universe

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



204, 144, 184



255, 166, 225



156, 204, 144



102, 92, 99



166, 0, 110



38, 0, 25

Previews

White Background



This preview shows how the RYB color 144, 168, 204 looks on a white background.

Color Contrast Check

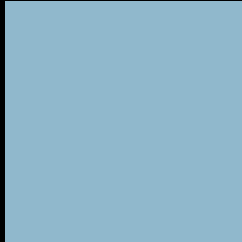
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 144, 168, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

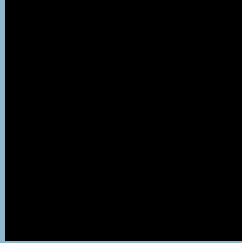
Any Text WCAG AA ✓ Pass

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](#).

R Y B 144, 168, 204 Background



This preview shows how black text looks on a background with the R Y B color 144, 168, 204.



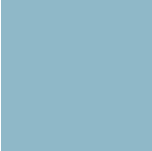
This preview shows how white text looks on a background with the R Y B color 144, 168, 204.

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](#).

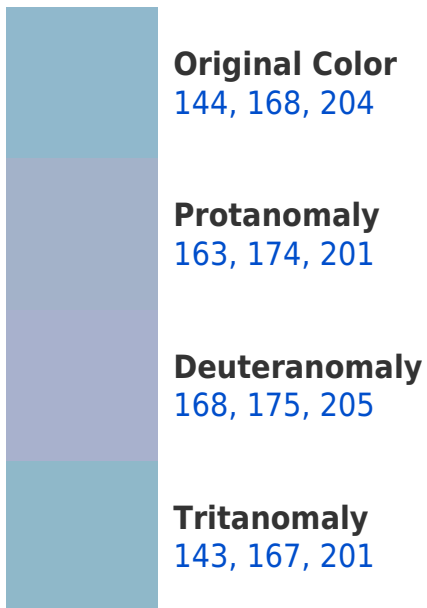
Dichromacy



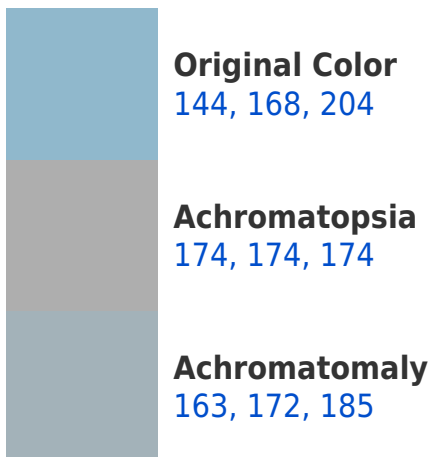


Tritanopia
143, 167, 200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 168, 204 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, 184, 204)` looks like.

```
.text, #text, p{  
    color:rgb(144, 184, 204)  
}
```

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, 184, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 184, 204) }
```

Border

The CSS property to change the border of an element to RYB 144, 168, 204 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, 184, 204) }
```

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

```
.border{ border-color:rgb(144, 184, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 184, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 184, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 184, 204);  
box-shadow:4px 4px 4px 4px rgb(144, 184,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 144, 168, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 184, 204) }
```

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

```
.background{ background-color: rgb(144,  
184, 204) }
```

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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