

Converting Colors

`RYB(144, 183, 226)`

Have a look what the booklet for RYB(144, 183, 226) contains.

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Color

$\text{RYB}(144, 183, 226)$

Conversions

Conversions Part 1

Format	Color
Hex	90DAE2
RGB	144, 218, 226
RGB Percent	56%, 85%, 89%
CMY	0.4353, 0.1436, 0.1137
CMYK	0.36, 0.03, 0.00, 0.11
HSL	186°, 59%, 73%
HSV	186°, 36%, 89%
XYZ	50.3971, 61.7563, 81.2155
YIQ	196.7860, -46.6720, -13.2000

Conversions

Conversions Part 2

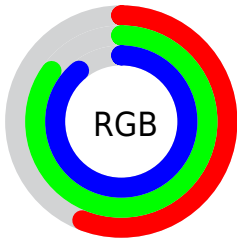
Format	Color
RYB	144, 183, 226
Decimal	9493218
CIELab	82.78, -21.10, -11.06
CIELCh	83, 23.823, 207.671
Yxy	61.7563, 0.2606, 0.3194
Android (android.graphics.Color)	4287683298 (0xFF90DAE2)
YUV	196.7860, 14.4025, -46.2933
Hunter-Lab	78.5852, -23.0511, -6.2648

Details

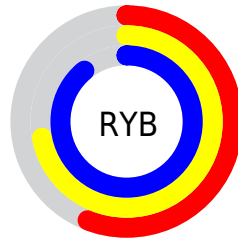
The RYB color **144, 183, 226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 153, 144**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **201, 228, 255**, and **89, 128, 171** is the 20% darker color. If you saturate the color by 10%, you get **121, 171, 226**, and if you desaturate by 10%, it is **167, 195, 226**.

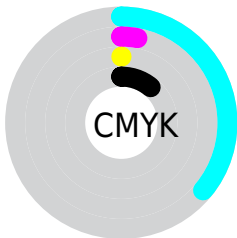
Distribution



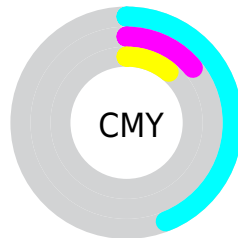
- Red (56%)
- Green (85%)
- Blue (89%)



- Red (56%)
- Yellow (72%)
- Blue (89%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)




- Cyan (44%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 183, 226 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, 183, 226 by changing the saturation by 10% instead.


 144, 183, 226


255, 255, 255


 201, 228, 255

 230, 243, 255

 144, 183, 226

 116, 155, 198

 89, 128, 171


 61, 101, 144

 29, 72, 119

 0, 45, 94

 0, 33, 70

 0, 22, 48

 0, 11, 27

 0, 0, 0

■ 144, 183, 226

■ 144, 183, 226

■ 121, 171, 226

■ 167, 195, 226

■ 99, 159, 226

■ 189, 207, 226

■ 76, 147, 226

■ 212, 219, 226

■ 54, 136, 226

■ 234, 227, 226

■ 31, 124, 226

■ 255, 229, 226

■ 8, 112, 226

■ 255, 232, 226

■ 0, 107, 226

■ 255, 235, 226

■ 255, 239, 226

■ 255, 244, 226

Harmonies

Analogous

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



154, 191, 219



144, 183, 226



153, 190, 243

Triad

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



144, 183, 226



234, 194, 230



194, 225, 162

Complementary

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



144, 183, 226



226, 153, 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.



243, 214, 169



144, 183, 226



249, 190, 209

Square

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



144, 183, 226



208, 201, 246



252, 191, 186



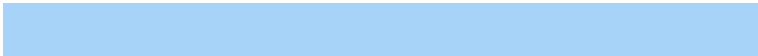
166, 211, 176

Rectangle

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



144, 183, 226



168, 196, 249



252, 191, 186



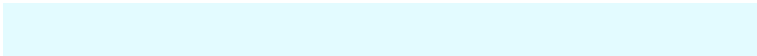
219, 232, 163

Sweetspot

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



144, 183, 226



227, 240, 255



144, 220, 226



111, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



144, 183, 226



143, 196, 255



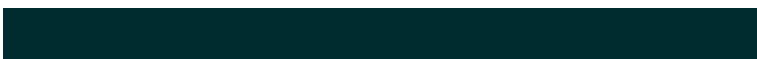
144, 168, 226



101, 106, 112



0, 84, 176



0, 23, 48

Inverse Universe

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



226, 144, 218



255, 143, 245



202, 226, 144



112, 101, 111



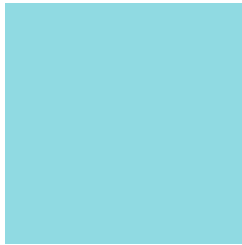
176, 0, 160



48, 0, 44

Previews

White Background



This preview shows how the RYB color 144, 183, 226 looks on a white background.

Color Contrast Check

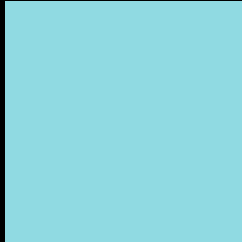
Large Text (above 18pt) WCAG AA × Fail

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, 183, 226 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, 183, 226 Background



This preview shows how black text looks on a background with the RYB color 144, 183, 226.

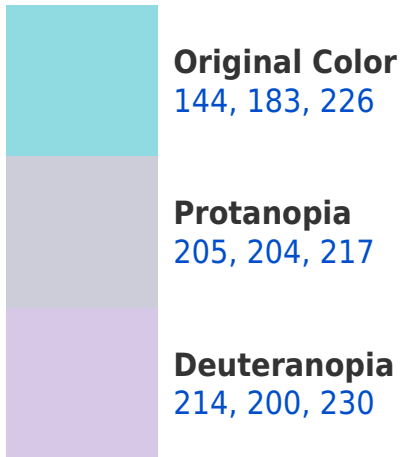


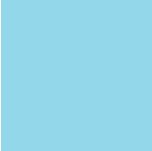
This preview shows how white text looks on a background with the RYB color 144, 183, 226.

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
146, 185, 234

Trichromacy



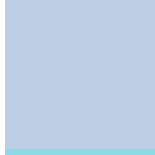
Original Color

144, 183, 226



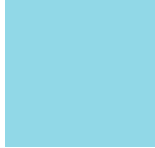
Protanomaly

183, 198, 220



Deuteranomaly

189, 201, 229



Tritanomaly

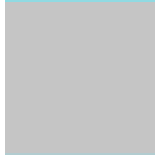
145, 184, 231

Monochromacy



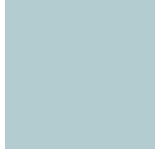
Original Color

144, 183, 226



Achromatopsia

197, 197, 197



Achromatomaly

178, 192, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 183, 226 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, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(144, 218, 226)  
}
```

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, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 218, 226) }
```

Border

The CSS property to change the border of an element to RYB 144, 183, 226 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, 218, 226) }
```

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

```
.border{ border-color:rgb(144, 218, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 218, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(144, 218,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 144, 183, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 218, 226) }
```

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

```
.background{ background-color: rgb(144,  
218, 226) }
```

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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