

Converting Colors

`RYB(145, 183, 226)`

Have a look what the booklet for
RYB(145, 183, 226) contains.

RYB(145, 183, 226)	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

$\text{RYB}(145, 183, 226)$

Conversions

Conversions Part 1

Format	Color
Hex	91D9E2
RGB	145, 217, 226
RGB Percent	57%, 85%, 89%
CMY	0.4314, 0.1507, 0.1137
CMYK	0.36, 0.04, 0.00, 0.11
HSL	187°, 58%, 73%
HSV	187°, 36%, 89%
XYZ	50.1096, 60.9209, 81.0694
YIQ	196.4980, -45.8010, -12.4650

Conversions

Conversions Part 2

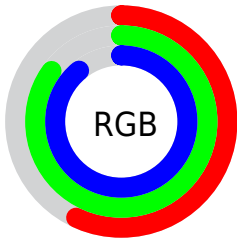
Format	Color
RYB	145, 183, 226
Decimal	9558498
CIELab	82.34, -19.94, -11.73
CIElCh	82, 23.133, 210.457
Yxy	60.9209, 0.2609, 0.3171
Android (android.graphics.Color)	4287748578 (0xFF91D9E2)
YUV	196.4980, 14.5445, -45.1637
Hunter-Lab	78.0518, -21.9930, -6.9459

Details

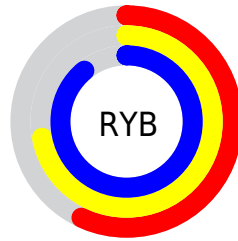
The RYB color **145, 183, 226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 155, 145**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **202, 229, 255**, and **90, 128, 171** is the 20% darker color. If you saturate the color by 10%, you get **122, 171, 226**, and if you desaturate by 10%, it is **168, 195, 226**.

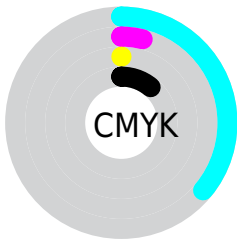
Distribution



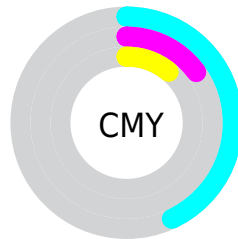
- Red (57%)
- Green (85%)
- Blue (89%)



- Red (57%)
- Yellow (72%)
- Blue (89%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)




- Cyan (43%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 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 145, 183, 226 by changing the saturation by 10% instead.


 145, 183, 226


255, 255, 255


 202, 229, 255

 231, 243, 255

 145, 183, 226

 117, 155, 198

 90, 128, 171


 62, 101, 144

 32, 73, 119

 0, 45, 94

 0, 33, 70


 0, 22, 48

 0, 10, 27


 0, 0, 0

 145, 183, 226


 145, 183, 226

 122, 171, 226


 168, 195, 226

 100, 159, 226


 190, 207, 226

 77, 147, 226

 213, 219, 226

 55, 135, 226

 235, 227, 226

 32, 123, 226

 255, 231, 226

 9, 111, 226

 255, 234, 226

 0, 106, 226

 255, 239, 226

 255, 246, 226

 255, 253, 226

Harmonies

Analogous

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



153, 189, 217



145, 183, 226



155, 190, 242

Triad

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



145, 183, 226



233, 193, 227



188, 221, 162

Complementary

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



145, 183, 226



226, 155, 145

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.



240, 214, 168



145, 183, 226



248, 190, 205

Square

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



145, 183, 226



209, 199, 242



249, 192, 184



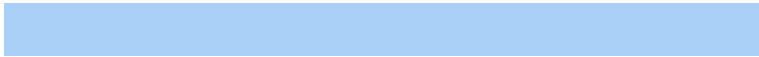
167, 210, 180

Rectangle

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



145, 183, 226



171, 196, 247



249, 192, 184



208, 228, 162

Sweetspot

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



145, 183, 226



227, 240, 255



145, 219, 226



111, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 183, 226



145, 197, 255



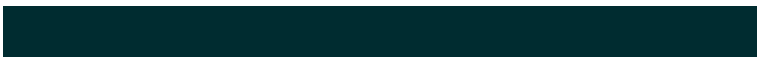
145, 168, 226



101, 106, 112



0, 82, 176



0, 23, 48

Inverse Universe

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



226, 145, 217



255, 145, 242



198, 226, 145



112, 101, 111



176, 0, 155



48, 0, 43

Previews

White Background



This preview shows how the RYB color 145, 183, 226 looks on a white background.

Color Contrast Check

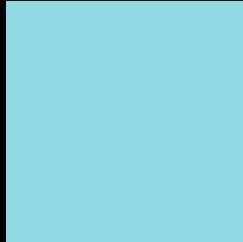
Large Text (above 18pt) WCAG AA × Fail

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 145, 183, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

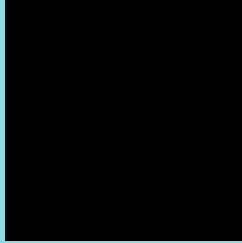
Any Text WCAG AA ✓ Pass

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](#).

RYB 145, 183, 226 Background



This preview shows how black text looks on a background with the RYB color 145, 183, 226.

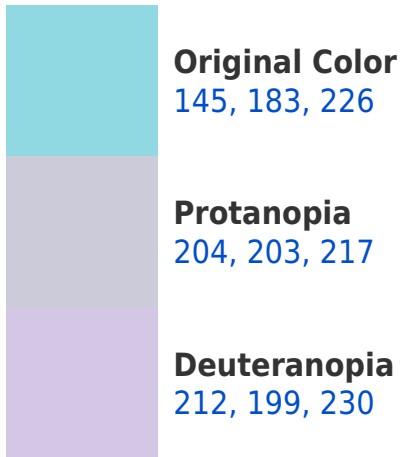


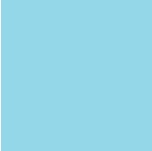
This preview shows how white text looks on a background with the RYB color 145, 183, 226.

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





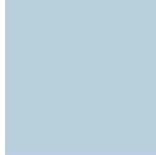
Tritanopia
147, 185, 233

Trichromacy



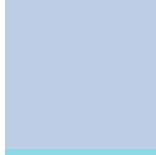
Original Color

145, 183, 226



Protanomaly

183, 198, 220



Deuteranomaly

188, 200, 229



Tritanomaly

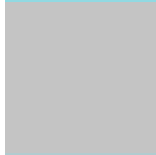
146, 184, 230

Monochromacy



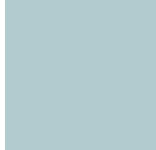
Original Color

145, 183, 226



Achromatopsia

196, 196, 196



Achromatomaly

177, 191, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 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(145, 217, 226)` looks like.

```
.text, #text, p{  
    color:rgb(145, 217, 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(145, 217, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 217, 226) }
```

Border

The CSS property to change the border of an element to RYB 145, 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(145, 217, 226) }
```

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

```
.border{ border-color:rgb(145, 217, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 217, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 217, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 217, 226); box-shadow:4px 4px 4px 4px rgb(145, 217, 226) }
```

Background

The CSS property to change the background color of an element to RYB 145, 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(145, 217, 226) }
```

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

```
.background{ background-color: rgb(145,  
217, 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](#).

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