

Converting Colors

`RYB(146, 200, 222)`

Have a look what the booklet for
RYB(146, 200, 222) contains.

| | |
|--|----|
| RYB(146, 200, 222) | 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

R_YB(146, 200, 222)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 92DEB1 |
| RGB | 146, 222, 177 |
| RGB Percent | 57%, 87%, 69% |
| CMY | 0.4275, 0.1294, 0.3060 |
| CMYK | 0.34, 0.00, 0.20, 0.13 |
| HSL | 144°, 54%, 72% |
| HSV | 144°, 34%, 87% |
| XYZ | 45.9075, 61.5264, 51.0318 |
| YIQ | 194.1460, -30.8510, -30.1070 |

Conversions

Conversions Part 2

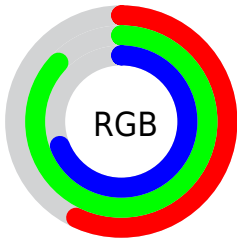
| Format | Color |
|-------------------------------------|---|
| RYB | 146, 200, 222 |
| Decimal | 9625265 |
| CIELab | 82.66, -32.96, 14.75 |
| CIELCh | 83, 36.112, 155.892 |
| Yxy | 61.5264, 0.2897, 0.3883 |
| Android (android.graphics.Color) | 4287815345 (0xFF92DEB1) |
| YUV | 194.1460, -8.4530, -42.2240 |
| Hunter-Lab | 78.4388, -32.7980, 16.3334 |

Details

The RYB color **146, 200, 222** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **222, 146, 191**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **202, 235, 255**, and **92, 144, 166** is the 20% darker color. If you saturate the color by 10%, you get **124, 194, 222**, and if you desaturate by 10%, it is **168, 206, 222**.

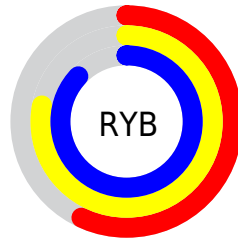
Distribution



Red (57%)

Green (87%)

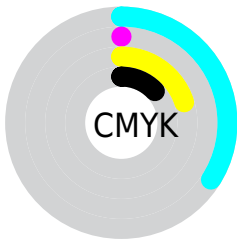
Blue (69%)



Red (57%)

Yellow (78%)

Blue (87%)

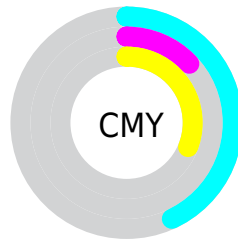


Cyan (34%)

Magenta (0%)

Yellow (20%)

Black (13%)



Cyan (43%)

Magenta (13%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 146, 200, 222 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 146, 200, 222 by changing the saturation by 10% instead.


 146, 200, 222

 146, 200, 222


255, 255, 255

 119, 172, 194

 202, 235, 255

 92, 144, 166

 231, 243, 255


 66, 117, 140

 38, 89, 114

 1, 57, 89

 0, 44, 65


 0, 35, 42

 0, 17, 17


 0, 0, 0

 146, 200, 222


 146, 200, 222

 124, 194, 222


 168, 206, 222

 102, 187, 222


 190, 213, 222

 79, 181, 222


 213, 220, 222

 57, 174, 222

 235, 222, 230

 35, 168, 222

 255, 222, 243

 13, 162, 222

 255, 222, 255

 0, 158, 222

Harmonies

Analogous

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



150, 216, 180



146, 200, 222



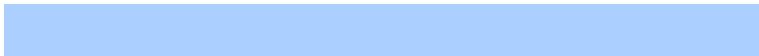
109, 170, 224

Triad

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



146, 200, 222



171, 196, 255



255, 188, 168

Complementary

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



146, 200, 222



222, 146, 191

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.



255, 180, 200



146, 200, 222



219, 195, 255

Square

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



146, 200, 222



121, 177, 255



255, 184, 234



253, 235, 145

Rectangle

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



146, 200, 222



94, 161, 234



255, 184, 234



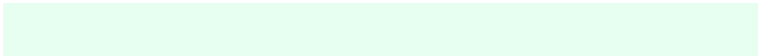
255, 182, 178

Sweetspot

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



146, 200, 222



230, 248, 255



146, 222, 176



112, 124, 128



0, 0, 0



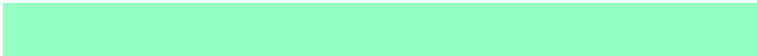
128, 128, 128

Same Dimension

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



146, 200, 222



150, 224, 255



146, 186, 222



101, 109, 112



0, 125, 176



0, 34, 48

Inverse Universe

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



222, 146, 191



255, 150, 212



222, 146, 154



112, 101, 108



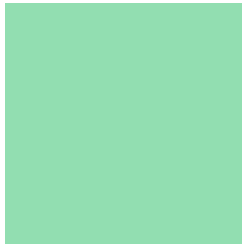
176, 0, 104



48, 0, 29

Previews

White Background



This preview shows how the RYB color 146, 200, 222 looks on a white background.

Color Contrast Check

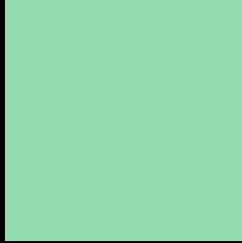
Large Text (above 18pt) WCAG AA × Fail

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 146, 200, 222 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 146, 200, 222 Background



This preview shows how black text looks on a background with the RYB color 146, 200, 222.

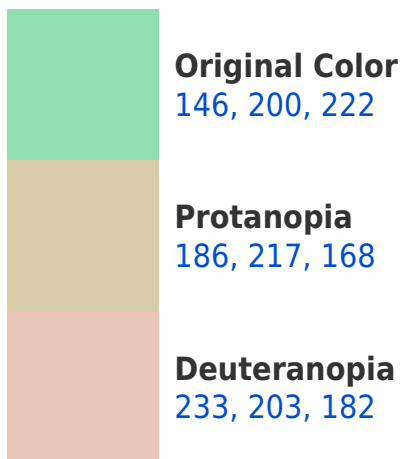


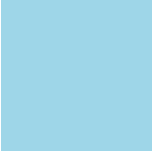
This preview shows how white text looks on a background with the RYB color 146, 200, 222.

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
158, 190, 232

Trichromacy



Original Color

146, 200, 222



Protanomaly

171, 211, 191



Deuteranomaly

180, 206, 185



Tritanomaly

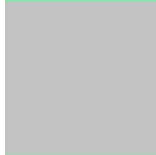
154, 188, 218

Monochromacy



Original Color

146, 200, 222



Achromatopsia

194, 194, 194



Achromatomaly

177, 196, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 200, 222 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(146, 222, 177)` looks like.

```
.text, #text, p{  
    color:rgb(146, 222, 177)  
}
```

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(146, 222, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 222, 177) }
```

Border

The CSS property to change the border of an element to RYB 146, 200, 222 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(146, 222, 177) }
```

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

```
.border{ border-color:rgb(146, 222, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 222, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 222, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 222, 177); box-shadow:4px 4px 4px 4px rgb(146, 222, 177) }
```

Background

The CSS property to change the background color of an element to RYB 146, 200, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 222, 177) }
```

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

```
.background{ background-color: rgb(146,  
222, 177) }
```

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