

Converting Colors

`RYB(146, 202, 224)`

Have a look what the booklet for
RYB(146, 202, 224) contains.

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Color

R_YB(146, 202, 224)

Conversions

Conversions Part 1

Format	Color
Hex	92E0B1
RGB	146, 224, 177
RGB Percent	57%, 88%, 69%
CMY	0.4275, 0.1216, 0.3073
CMYK	0.35, 0.00, 0.21, 0.12
HSL	144°, 56%, 73%
HSV	144°, 35%, 88%
XYZ	46.4100, 62.5824, 51.0421
YIQ	195.3200, -31.4010, -31.1530

Conversions

Conversions Part 2

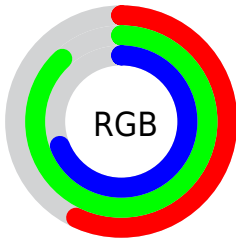
Format	Color
RYB	146, 202, 224
Decimal	9625777
CIELab	83.22, -33.96, 15.71
CIELCh	83, 37.413, 155.175
Yxy	62.5824, 0.2900, 0.3911
Android (android.graphics.Color)	4287815857 (0xFF92E0B1)
YUV	195.3200, -9.0318, -43.2536
Hunter-Lab	79.1090, -33.7223, 17.1217

Details

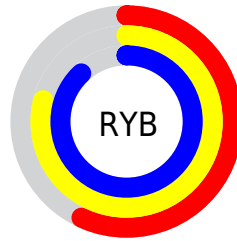
The RYB color **146, 202, 224** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **224, 146, 193**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **202, 235, 255**, and **92, 145, 168** is the 20% darker color. If you saturate the color by 10%, you get **124, 196, 224**, and if you desaturate by 10%, it is **168, 208, 224**.

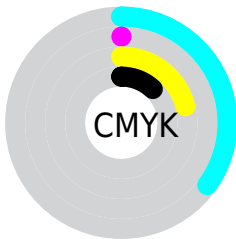
Distribution



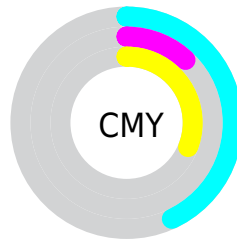
- Red (57%)
- Green (88%)
- Blue (69%)



- Red (57%)
- Yellow (79%)
- Blue (88%)



- Cyan (35%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (43%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 202, 224 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, 202, 224 by changing the saturation by 10% instead.

 146, 202, 224


255, 255, 255


 202, 236, 255

 231, 243, 255

 146, 202, 224

 119, 174, 196

 92, 145, 168


 65, 118, 142

 37, 90, 116

 0, 58, 91

 0, 45, 66


 0, 37, 44

 0, 19, 19


 0, 0, 0


 146, 202, 224


 146, 202, 224

 124, 196, 224


 168, 208, 224

 101, 189, 224


 191, 215, 224

 79, 183, 224


 213, 221, 224

 56, 177, 224

 236, 224, 231

 34, 170, 224

 255, 224, 245

 12, 164, 224

 255, 224, 255

 0, 161, 224

Harmonies

Analogous

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



149, 217, 178



146, 202, 224



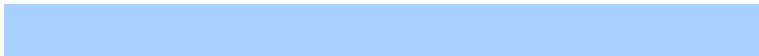
106, 170, 227

Triad

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



146, 202, 224



169, 196, 255



255, 189, 168

Complementary

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



146, 202, 224



224, 146, 193

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, 181, 202



146, 202, 224



220, 196, 255

Square

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



146, 202, 224



116, 175, 255



255, 185, 238



255, 238, 144

Rectangle

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



146, 202, 224



89, 160, 236



255, 185, 238



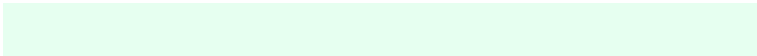
255, 183, 179

Sweetspot

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



146, 202, 224



230, 248, 255



146, 224, 176



112, 124, 128



0, 0, 0



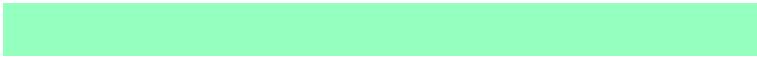
128, 128, 128

Same Dimension

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



146, 202, 224



148, 225, 255



146, 187, 224



101, 109, 112



0, 126, 176



0, 34, 48

Inverse Universe

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



224, 146, 193



255, 148, 213



224, 146, 155



112, 101, 108



176, 0, 107



48, 0, 29

Previews

White Background



This preview shows how the RYB color 146, 202, 224 looks on a white background.

Color Contrast Check

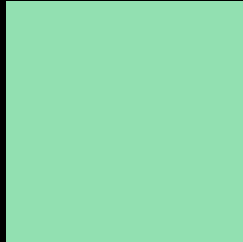
Large Text (above 18pt) WCAG AA × Fail

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, 202, 224 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, 202, 224 Background



This preview shows how black text looks on a background with the RYB color 146, 202, 224.

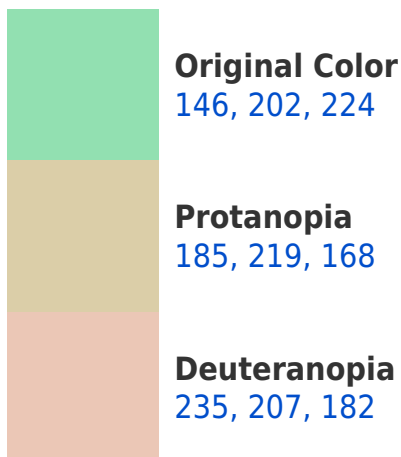



This preview shows how white text looks on a background with the RYB color 146, 202, 224.

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





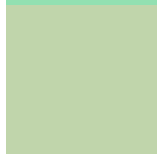
Tritanopia
158, 191, 234

Trichromacy



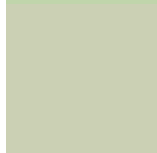
Original Color

146, 202, 224



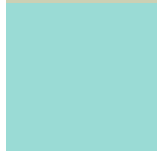
Protanomaly

171, 213, 192



Deuteranomaly

180, 208, 185



Tritanomaly

154, 188, 219

Monochromacy



Original Color

146, 202, 224



Achromatopsia

195, 195, 195



Achromatomaly

177, 198, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 202, 224 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, 224, 177)` looks like.

```
.text, #text, p{  
    color:rgb(146, 224, 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, 224, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 224, 177) }
```

Border

The CSS property to change the border of an element to RYB 146, 202, 224 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, 224, 177) }
```

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

```
.border{ border-color:rgb(146, 224, 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, 224, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 224, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 224, 177);  
box-shadow:4px 4px 4px 4px rgb(146, 224,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 146, 202, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 224, 177) }
```

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

```
.background{ background-color: rgb(146,  
224, 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](#).

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