

Converting Colors

`RYB(146, 209, 173)`

Have a look what the booklet for
RYB(146, 209, 173) contains.

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Color

R_YB(146, 209, 173)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B6D192 |
| RGB | 182, 209, 146 |
| RGB Percent | 71%, 82%, 57% |
| CMY | 0.2863, 0.1804, 0.4275 |
| CMYK | 0.13, 0.00, 0.30, 0.18 |
| HSL | 86°, 41%, 70% |
| HSV | 86°, 30%, 82% |
| XYZ | 47.2802, 57.6213, 35.8242 |
| YIQ | 193.7450, 4.1310, -25.3170 |

Conversions

Conversions Part 2

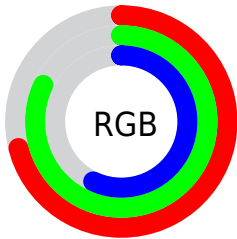
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 146, 209, 173 |
| Decimal | 11981202 |
| CIELab | 80.53, -19.90, 28.36 |
| CIELCh | 81, 34.640, 125.056 |
| Yxy | 57.6213, 0.3360, 0.4095 |
| Android (android.graphics.Color) | 4290171282 (0xFFB6D192) |
| YUV | 193.7450, -23.5383, -10.3004 |
| Hunter-Lab | 75.9087, -21.6605, 25.1549 |

Details

The RYB color **146, 209, 173** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173, 146, 209**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **200, 255, 217**, and **95, 155, 122** is the 20% darker color. If you saturate the color by 10%, you get **125, 209, 161**, and if you desaturate by 10%, it is **167, 209, 185**.

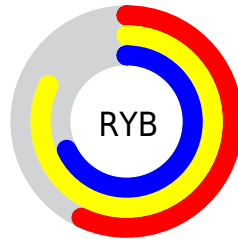
Distribution



Red (71%)

Green (82%)

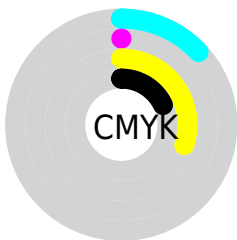
Blue (57%)



Red (57%)

Yellow (82%)

Blue (68%)

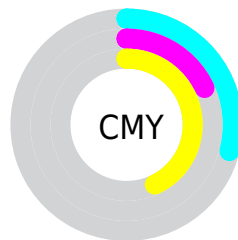


Cyan (13%)

Magenta (0%)

Yellow (30%)

Black (18%)



Cyan (29%)

Magenta (18%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 209, 173 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, 209, 173 by changing the saturation by 10% instead.


 146, 209, 173


255, 255, 255


 200, 255, 217

 229, 255, 229

 146, 209, 173

 120, 181, 146


 95, 155, 122

 71, 128, 96

 47, 103, 72

 24, 79, 49

 0, 56, 25

 0, 35, 29

 0, 4, 4

 0, 0, 0

 146, 209, 173

 146, 209, 173

 125, 209, 161

 167, 209, 185

 104, 209, 149

 188, 209, 197

 83, 209, 137

 209, 209, 209

 62, 209, 125

 218, 209, 230

 41, 209, 113

 227, 209, 250

 21, 209, 102

 236, 209, 255

 0, 209, 90

 245, 209, 255

 254, 209, 255

 255, 209, 255

Harmonies

Analogous

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



156, 217, 135



146, 209, 173



144, 195, 215

Triad

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



146, 209, 173



119, 174, 255



255, 176, 195

Complementary

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



146, 209, 173



173, 146, 209

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.



246, 180, 228



146, 209, 173



165, 191, 255

Square

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



146, 209, 173



94, 160, 236



211, 190, 253



255, 182, 164

Rectangle

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



146, 209, 173



120, 175, 217



211, 190, 253



255, 176, 207

Sweetspot

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



146, 209, 173



232, 255, 242



209, 190, 146



113, 128, 120



0, 0, 0



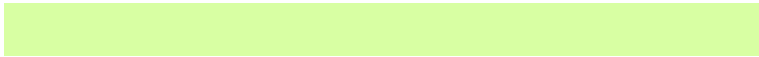
128, 128, 128

Same Dimension

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



146, 209, 173



163, 255, 202



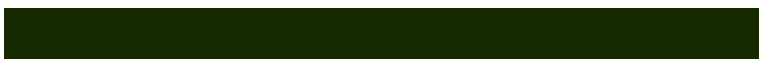
146, 209, 204



94, 105, 99



0, 168, 72



0, 41, 18

Inverse Universe

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



173, 146, 209



203, 163, 255



204, 146, 209



99, 94, 105



72, 0, 168



17, 0, 41

Previews

White Background



This preview shows how the RYB color 146, 209, 173 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, 209, 173 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, 209, 173 Background



This preview shows how black text looks on a background with the RYB color 146, 209, 173.

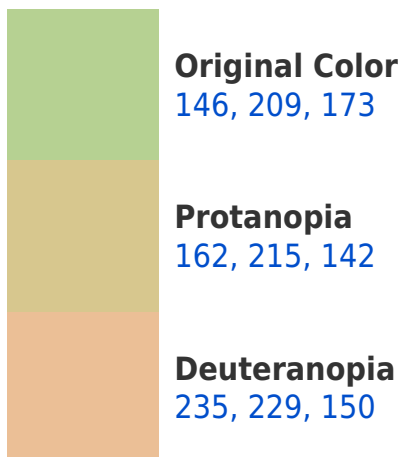


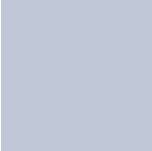
This preview shows how white text looks on a background with the RYB color 146, 209, 173.

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](#).

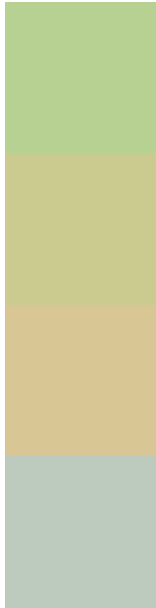
Dichromacy





Tritanopia
192, 198, 216

Trichromacy



Original Color
146, 209, 173

Protanomaly
143, 203, 143

Deuteranomaly
174, 216, 149

Tritanomaly
188, 201, 203

Monochromacy



Original Color
146, 209, 173

Achromatopsia
194, 194, 194

Achromatomaly
177, 199, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 209, 173 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(182, 209, 146) looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 146)  
}
```

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(182, 209, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 146) }
```

Border

The CSS property to change the border of an element to RYB 146, 209, 173 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(182, 209, 146) }
```

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

```
.border{ border-color:rgb(182, 209, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 209, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 146);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 146, 209, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 146) }
```

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

```
.background{ background-color: rgb(182,  
209, 146) }
```

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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