

Converting Colors

`RYB(43, 231, 200)`

Have a look what the booklet for
RYB(43, 231, 200) contains.

RYB(43, 231, 200)	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

RYB(43, 231, 200)

Conversions

Conversions Part 1

Format	Color
Hex	4AE72B
RGB	74, 231, 43
RGB Percent	29%, 91%, 17%
CMY	0.7098, 0.0941, 0.8314
CMYK	0.68, 0.00, 0.81, 0.09
HSL	110°, 80%, 54%
HSV	110°, 81%, 91%
XYZ	31.8360, 58.7821, 11.9537
YIQ	162.6250, -33.2240, -91.7520

Conversions

Conversions Part 2

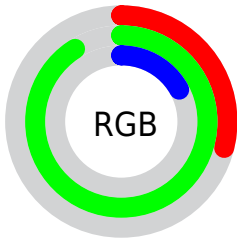
Format	Color
RYB	43, 231, 200
Decimal	4908843
CIELab	81.17, -71.60, 71.77
CIElCh	81, 101.381, 134.933
Yxy	58.7821, 0.3104, 0.5731
Android (android.graphics.Color)	4283098923 (0xFF4AE72B)
YUV	162.6250, -58.9751, -77.7241
Hunter-Lab	76.6695, -60.0518, 44.4246

Details

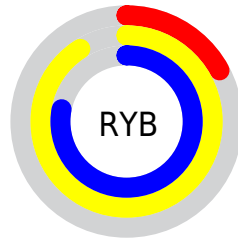
The RYB color **43, 231, 200** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **200, 43, 231**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **105, 255, 218**, and **0, 174, 174** is the 20% darker color. If you saturate the color by 10%, you get **20, 231, 196**, and if you desaturate by 10%, it is **66, 231, 204**.

Distribution



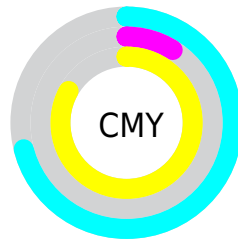
- Red (29%)
- Green (91%)
- Blue (17%)



- Red (17%)
- Yellow (91%)
- Blue (78%)



- Cyan (68%)
- Magenta (0%)
- Yellow (81%)
- Black (9%)















- Cyan (71%)
- Magenta (9%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the RYB color 43, 231, 200 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 43, 231, 200 by changing the saturation by 10% instead.

 43, 231, 200	 43, 231, 200
 255, 255, 255	 0, 202, 180
 105, 255, 218	 0, 174, 174
 134, 255, 215	 0, 146, 146
 163, 255, 213	 0, 119, 119
 192, 255, 210	 0, 93, 93
 221, 255, 221	 0, 68, 68
 251, 255, 251	 0, 43, 43
	 0, 8, 8
	 0, 0, 0

■ 43, 231, 200

■ 43, 231, 200

■ 20, 231, 196

■ 66, 231, 204

■ 0, 231, 193

■ 89, 231, 207

■ 112, 231, 211

■ 135, 231, 215

■ 159, 231, 220

■ 182, 231, 223

■ 205, 231, 227

■ 228, 231, 231

■ 248, 231, 251

Harmonies

Analogous

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



0, 212, 14



43, 231, 200



0, 148, 240

Triad

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



43, 231, 200



0, 120, 255



255, 90, 159

Complementary

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



43, 231, 200



200, 43, 231

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, 100, 254



43, 231, 200



0, 111, 255

Square

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



43, 231, 200



0, 124, 255



255, 151, 255



255, 170, 68

Rectangle

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



43, 231, 200



0, 129, 243



255, 151, 255



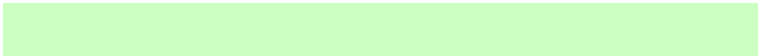
255, 85, 190

Sweetspot

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



43, 231, 200



194, 255, 245



80, 231, 43



91, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



43, 231, 200



5, 255, 214



43, 184, 231



103, 115, 113



0, 179, 150



0, 51, 43

Inverse Universe

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



200, 43, 231



214, 5, 255



231, 43, 168



113, 103, 115



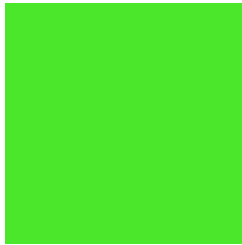
149, 0, 179



43, 0, 51

Previews

White Background



This preview shows how the RYB color 43, 231, 200 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 43, 231, 200 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

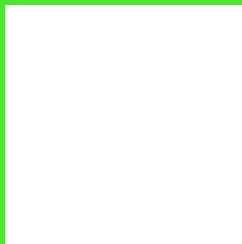
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 43, 231, 200 Background



This preview shows how black text looks on a background with the RGB color 43, 231, 200.

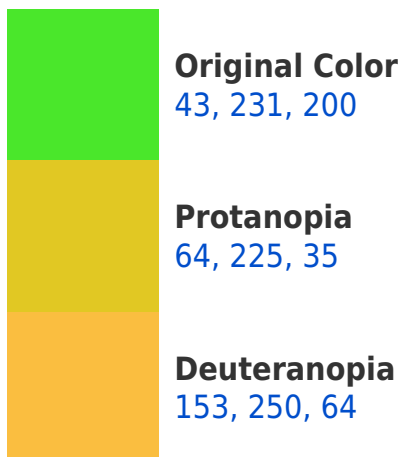


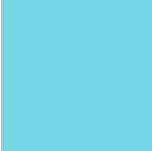
This preview shows how white text looks on a background with the RGB color 43, 231, 200.

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](#).

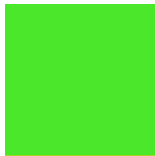
Dichromacy





Tritanopia
118, 170, 232

Trichromacy



Original Color

43, 231, 200



Protanomaly

38, 211, 79



Deuteranomaly

56, 205, 75



Tritanomaly

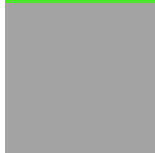
102, 181, 221

Monochromacy



Original Color

43, 231, 200



Achromatopsia

163, 163, 163



Achromatomaly

119, 188, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 43, 231, 200 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(74, 231, 43)` looks like.

```
.text, #text, p{  
    color:rgb(74, 231, 43)  
}
```

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(74, 231, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 231, 43) }
```

Border

The CSS property to change the border of an element to RYB 43, 231, 200 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(74, 231, 43) }
```

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

```
.border{ border-color:rgb(74, 231, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 231, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 231, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 231, 43);  
box-shadow:4px 4px 4px 4px rgb(74, 231,  
43) }
```

Background

The CSS property to change the background color of an element to RYB 43, 231, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 231, 43) }
```

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

```
.background{ background-color: rgb(74, 231,  
43) }
```

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