

Converting Colors

`RYB(43, 136, 199)`

Have a look what the booklet for
RYB(43, 136, 199) contains.

RYB(43, 136, 199)	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, 136, 199)`

Conversions

Conversions Part 1

Format	Color
Hex	2BC795
RGB	43, 199, 149
RGB Percent	17%, 78%, 58%
CMY	0.8314, 0.2196, 0.4170
CMYK	0.78, 0.00, 0.25, 0.22
HSL	161°, 64%, 47%
HSV	161°, 78%, 78%
XYZ	26.8188, 43.5201, 35.2856
YIQ	146.6560, -76.9260, -48.6220

Conversions

Conversions Part 2

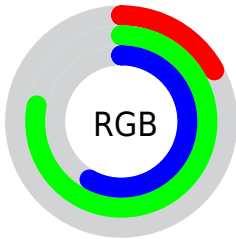
Format	Color
RYB	43, 136, 199
Decimal	2869141
CIELab	71.91, -50.96, 14.19
CIELCh	72, 52.899, 164.443
Yxy	43.5201, 0.2539, 0.4120
Android (android.graphics.Color)	4281059221 (0xFF2BC795)
YUV	146.6560, 1.1556, -90.9063
Hunter-Lab	65.9697, -42.8812, 14.4660

Details

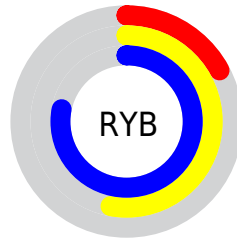
The RYB color **43, 136, 199** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **199, 43, 93**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **114, 200, 255**, and **0, 86, 144** is the 20% darker color. If you saturate the color by 10%, you get **23, 128, 199**, and if you desaturate by 10%, it is **63, 144, 199**.

Distribution



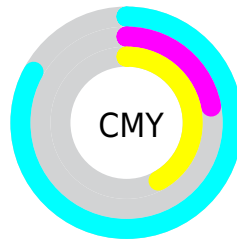
- Red (17%)
- Green (78%)
- Blue (58%)



- Red (17%)
- Yellow (53%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



















- Cyan (83%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 43, 136, 199 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, 136, 199 by changing the saturation by 10% instead.

 43, 136, 199	 43, 136, 199
 255, 255, 255	 0, 99, 171
 114, 200, 255	 0, 86, 144
 145, 207, 255	 0, 72, 117
 175, 215, 255	 0, 59, 92
 205, 230, 255	 0, 46, 67
 236, 246, 255	 0, 40, 45
	 0, 13, 13
	 0, 0, 0

 43, 136, 199  43, 136, 199

■ 23, 128, 199

■ 63, 144, 199

■ 3, 120, 199

■ 83, 152, 199

■ 0, 119, 199

■ 103, 160, 199

■ 123, 168, 199

■ 143, 176, 199

■ 162, 184, 199

■ 182, 192, 199

■ 202, 199, 200

■ 222, 199, 206

Harmonies

Analogous

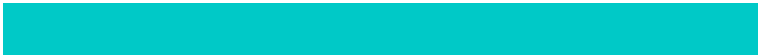
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



105, 193, 170



43, 136, 199



0, 101, 201

Triad

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



43, 136, 199



137, 165, 255



255, 159, 111

Complementary

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



43, 136, 199



199, 43, 93

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, 136, 155



43, 136, 199



210, 154, 246

Square

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



43, 136, 199



0, 108, 255



253, 139, 203



188, 226, 82

Rectangle

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



43, 136, 199



0, 106, 229



253, 139, 203



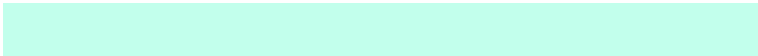
255, 145, 124

Sweetspot

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



43, 136, 199



194, 230, 255



43, 199, 147



91, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



43, 136, 199



15, 158, 255



43, 114, 199



90, 95, 99



0, 97, 163



0, 22, 36

Inverse Universe

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



199, 43, 93



255, 15, 93



199, 74, 43



99, 90, 93



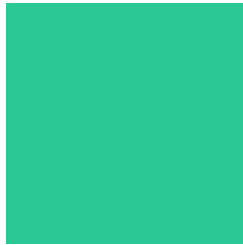
163, 0, 53



36, 0, 12

Previews

White Background



This preview shows how the RYB color 43, 136, 199 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, 136, 199 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, 136, 199 Background



This preview shows how black text looks on a background with the RGB color 43, 136, 199.

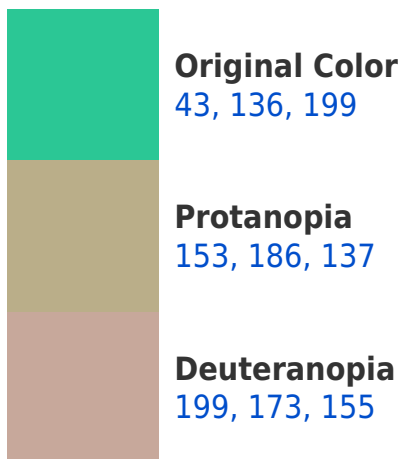


This preview shows how white text looks on a background with the RGB color 43, 136, 199.

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
75, 137, 207

Trichromacy



Original Color

43, 136, 199



Protanomaly

134, 177, 183



Deuteranomaly

142, 171, 179



Tritanomaly

63, 131, 194

Monochromacy



Original Color

43, 136, 199



Achromatopsia

147, 147, 147



Achromatomaly

109, 143, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 43, 136, 199 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(43, 199, 149)` looks like.

```
.text, #text, p{  
    color:rgb(43, 199, 149)  
}
```

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(43, 199, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 199, 149) }
```

Border

The CSS property to change the border of an element to RYB 43, 136, 199 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(43, 199, 149) }
```

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

```
.border{ border-color:rgb(43, 199, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 199, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 199, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 199, 149);  
box-shadow:4px 4px 4px 4px rgb(43, 199,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 43, 136, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 199, 149) }
```

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

```
.background{ background-color: rgb(43, 199,  
149) }
```

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