

Converting Colors

`RYB(43, 144, 190)`

Have a look what the booklet for
RYB(43, 144, 190) contains.

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Color

RYB(43, 144, 190)

Conversions

Conversions Part 1

Format	Color
Hex	2BBE6E
RGB	43, 190, 110
RGB Percent	17%, 75%, 43%
CMY	0.8314, 0.2549, 0.5688
CMYK	0.77, 0.00, 0.42, 0.25
HSL	147°, 63%, 46%
HSV	147°, 77%, 75%
XYZ	22.2215, 38.4652, 20.9911
YIQ	136.9270, -61.9320, -56.0440

Conversions

Conversions Part 2

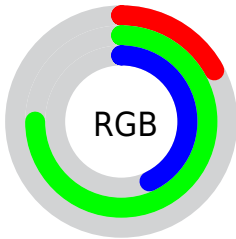
Format	Color
RYB	43, 144, 190
Decimal	2866798
CIELab	68.36, -55.61, 29.91
CIELCh	68, 63.144, 151.722
Yxy	38.4652, 0.2721, 0.4709
Android (android.graphics.Color)	4281056878 (0xFF2BBE6E)
YUV	136.9270, -13.2750, -82.3740
Hunter-Lab	62.0203, -44.5802, 23.3473

Details

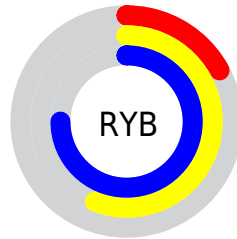
The RYB color **43, 144, 190** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **190, 43, 123**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **112, 211, 247**, and **0, 93, 135** is the 20% darker color. If you saturate the color by 10%, you get **24, 138, 190**, and if you desaturate by 10%, it is **62, 150, 190**.

Distribution



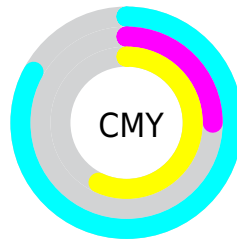
- Red (17%)
- Green (75%)
- Blue (43%)



- Red (17%)
- Yellow (56%)
- Blue (75%)



- Cyan (77%)
- Magenta (0%)
- Yellow (42%)
- Black (25%)



- Cyan (83%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 43, 144, 190 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, 144, 190 by changing the saturation by 10% instead.



43, 144, 190



43, 144, 190

255, 255, 255



0, 106, 162



112, 211, 247



0, 93, 135



142, 221, 255



0, 81, 109



172, 225, 255



0, 72, 83



202, 231, 255



0, 59, 59



232, 244, 255



0, 36, 36



0, 0, 0



43, 144, 190



43, 144, 190



24, 138, 190



62, 150, 190

■ 5, 132, 190

■ 81, 156, 190

■ 0, 130, 190

■ 100, 162, 190

■ 119, 168, 190

■ 138, 174, 190

■ 157, 180, 190

■ 176, 186, 190

■ 195, 190, 193

■ 214, 190, 203

Harmonies

Analogous

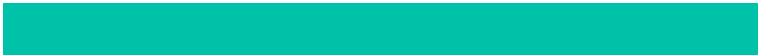
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62, 181, 107



43, 144, 190



0, 104, 194

Triad

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



43, 144, 190



0, 103, 255



255, 123, 110

Complementary

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



43, 144, 190



190, 43, 123

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, 113, 166



43, 144, 190



172, 150, 255

Square

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



43, 144, 190



0, 108, 255



238, 126, 222



239, 208, 64

Rectangle

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



43, 144, 190



0, 100, 207



238, 126, 222



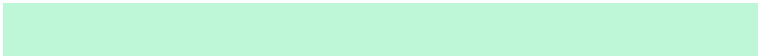
255, 117, 128

Sweetspot

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



43, 144, 190



190, 229, 247



43, 190, 109



90, 114, 125



252, 252, 252



125, 125, 125

Same Dimension

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



43, 144, 190



17, 175, 247



43, 118, 190



85, 91, 94



0, 109, 158



0, 21, 31

Inverse Universe

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



190, 43, 123



247, 17, 143



190, 43, 50



94, 85, 90



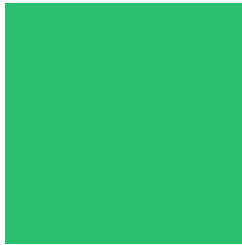
158, 0, 86



31, 0, 17

Previews

White Background



This preview shows how the RYB color 43, 144, 190 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, 144, 190 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, 144, 190 Background



This preview shows how black text looks on a background with the RGB color 43, 144, 190.

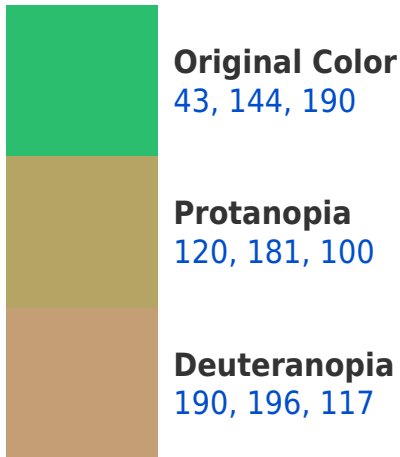


This preview shows how white text looks on a background with the RGB color 43, 144, 190.

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
80, 133, 195

Trichromacy



Original Color

43, 144, 190



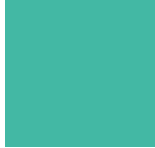
Protanomaly

104, 174, 147



Deuteranomaly

114, 170, 144



Tritanomaly

67, 131, 184

Monochromacy



Original Color

43, 144, 190



Achromatopsia

137, 137, 137



Achromatomaly

103, 139, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 43, 144, 190 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, 190, 110)` looks like.

```
.text, #text, p{  
    color:rgb(43, 190, 110)  
}
```

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, 190, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 190, 110) }
```

Border

The CSS property to change the border of an element to RYB 43, 144, 190 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, 190, 110) }
```

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

```
.border{ border-color:rgb(43, 190, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 190, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 190, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 190, 110);  
box-shadow:4px 4px 4px 4px rgb(43, 190,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 43, 144, 190 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 190, 110) }
```

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

```
.background{ background-color: rgb(43, 190,  
110) }
```

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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