

Converting Colors

`RYB(44, 135, 181)`

Have a look what the booklet for
RYB(44, 135, 181) contains.

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Color

RYB(44, 135, 181)

Conversions

Conversions Part 1

Format	Color
Hex	2CB571
RGB	44, 181, 113
RGB Percent	17%, 71%, 44%
CMY	0.8275, 0.2902, 0.5559
CMYK	0.76, 0.00, 0.37, 0.29
HSL	150°, 61%, 44%
HSV	150°, 76%, 71%
XYZ	20.5575, 34.7812, 21.3274
YIQ	132.2850, -59.8240, -50.1920

Conversions

Conversions Part 2

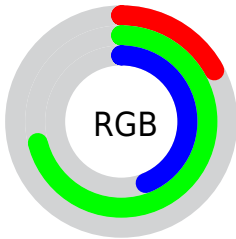
Format	Color
RYB	44, 135, 181
Decimal	2930033
CIELab	65.58, -51.50, 24.50
CIELCh	66, 57.027, 154.556
Yxy	34.7812, 0.2681, 0.4537
Android (android.graphics.Color)	4281120113 (0xFF2CB571)
YUV	132.2850, -9.5075, -77.4259
Hunter-Lab	58.9756, -40.9864, 19.8417

Details

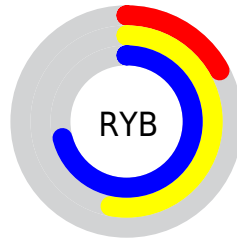
The RYB color **44, 135, 181** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **181, 44, 112**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **110, 200, 238**, and **0, 84, 127** is the 20% darker color. If you saturate the color by 10%, you get **26, 129, 181**, and if you desaturate by 10%, it is **62, 141, 181**.

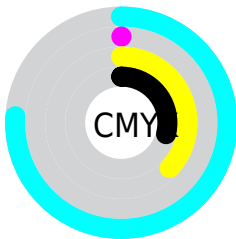
Distribution



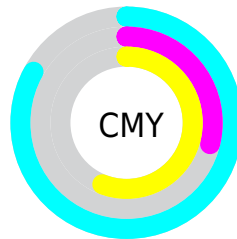
- Red (17%)
- Green (71%)
- Blue (44%)



- Red (17%)
- Yellow (53%)
- Blue (71%)



- Cyan (76%)
- Magenta (0%)
- Yellow (37%)
- Black (29%)





- Cyan (83%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 44, 135, 181 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 44, 135, 181 by changing the saturation by 10% instead.

 44, 135, 181

 44, 135, 181

255, 255, 255

 0, 98, 154


 110, 199, 238

 0, 84, 127

 140, 219, 255

 0, 72, 101

 170, 223, 255

 0, 61, 76


 199, 228, 255


 0, 52, 52


 229, 242, 255


 0, 28, 28

 0, 0, 0

 44, 135, 181

 44, 135, 181

 26, 129, 181

 62, 141, 181

■ 8, 123, 181

■ 80, 147, 181

■ 0, 120, 181

■ 98, 153, 181

■ 116, 159, 181

■ 135, 166, 181

■ 153, 172, 181

■ 171, 178, 181

■ 189, 181, 185

■ 207, 181, 194

Harmonies

Analogous

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



70, 173, 116



44, 135, 181



0, 97, 184

Triad

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



44, 135, 181



67, 130, 255



248, 125, 104

Complementary

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



44, 135, 181



181, 44, 112

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.



252, 113, 153



44, 135, 181



172, 143, 244

Square

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



44, 135, 181



0, 103, 251



228, 122, 204



222, 212, 65

Rectangle

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



44, 135, 181



0, 96, 200



228, 122, 204



252, 117, 120

Sweetspot

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



44, 135, 181



181, 217, 235



44, 181, 113



84, 106, 117



245, 245, 245



117, 117, 117

Same Dimension

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



44, 135, 181



21, 163, 235



44, 113, 181



80, 86, 89



0, 102, 153



0, 17, 26

Inverse Universe

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



181, 44, 112



235, 21, 127



181, 44, 44



89, 80, 85



153, 0, 76



26, 0, 13

Previews

White Background



This preview shows how the RYB color 44, 135, 181 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 44, 135, 181 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 44, 135, 181 Background



This preview shows how black text looks on a background with the R Y B color 44, 135, 181.

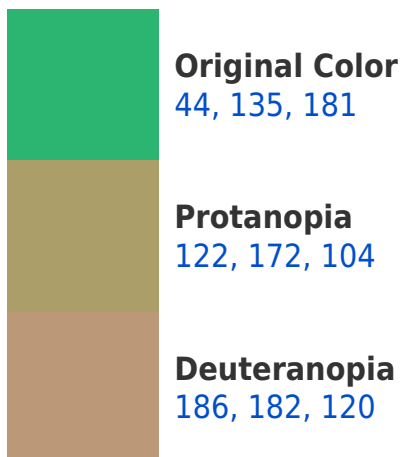


This preview shows how white text looks on a background with the R Y B color 44, 135, 181.

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
76, 127, 186

Trichromacy



Original Color

44, 135, 181



Protanomaly

107, 166, 148



Deuteranomaly

118, 163, 147



Tritanomaly

64, 124, 175

Monochromacy



Original Color

44, 135, 181



Achromatopsia

132, 132, 132



Achromatomaly

100, 133, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 44, 135, 181 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(44, 181, 113)` looks like.

```
.text, #text, p{  
    color:rgb(44, 181, 113)  
}
```

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(44, 181, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 181, 113) }
```

Border

The CSS property to change the border of an element to RYB 44, 135, 181 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(44, 181, 113) }
```

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

```
.border{ border-color:rgb(44, 181, 113) }
```

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

Here you see how a box with a 4 pixel rgb(44, 181, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 181, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 181, 113);  
box-shadow:4px 4px 4px 4px rgb(44, 181,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 44, 135, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 181, 113) }
```

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

```
.background{ background-color: rgb(44, 181,  
113) }
```

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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