

Converting Colors

`RYB(11, 141, 193)`

Have a look what the booklet for
RYB(11, 141, 193) contains.

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Color

$\text{RYB}(11, 141, 193)$

Conversions

Conversions Part 1

Format	Color
Hex	0BC154
RGB	11, 193, 84
RGB Percent	4%, 76%, 33%
CMY	0.9569, 0.2431, 0.6714
CMYK	0.94, 0.00, 0.57, 0.24
HSL	144°, 89%, 40%
HSV	144°, 94%, 76%
XYZ	20.8004, 38.8480, 14.7486
YIQ	126.1560, -73.4830, -72.4830

Conversions

Conversions Part 2

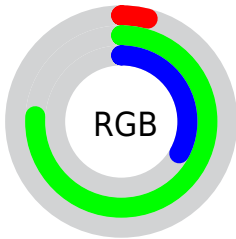
Format	Color
RYB	11, 141, 193
Decimal	770388
CIELab	68.64, -63.52, 43.22
CIElCh	69, 76.830, 145.769
Yxy	38.8480, 0.2796, 0.5222
Android (android.graphics.Color)	4278960468 (0xFF0BC154)
YUV	126.1560, -20.7829, -100.9918
Hunter-Lab	62.3282, -49.5047, 29.6000

Details

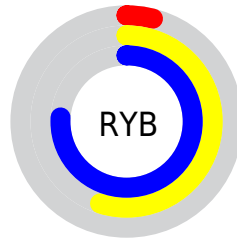
The RYB color **11, 141, 193** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **193, 11, 120**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **101, 223, 251**, and **0, 112, 138** is the 20% darker color. If you saturate the color by 10%, you get **0, 138, 193**, and if you desaturate by 10%, it is **30, 147, 193**.

Distribution



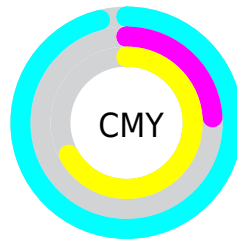
- Red (4%)
- Green (76%)
- Blue (33%)



- Red (4%)
- Yellow (55%)
- Blue (76%)



- Cyan (94%)
- Magenta (0%)
- Yellow (57%)
- Black (24%)




- Cyan (96%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the RYB color 11, 141, 193 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 11, 141, 193 by changing the saturation by 10% instead.

 11, 141, 193

255, 255, 255


 101, 223, 251

 133, 231, 255

 164, 234, 255


 194, 237, 255


 225, 242, 255

 11, 141, 193

 0, 122, 165

 0, 112, 138


 0, 111, 111

 0, 85, 85


 0, 61, 61


 0, 36, 36


 0, 0, 0


 11, 141, 193


 0, 138, 193


 11, 141, 193


 30, 147, 193


 50, 152, 193

 69, 157, 193


 88, 163, 193

 107, 168, 193

 127, 174, 193

 146, 179, 193

 165, 185, 193

 185, 191, 193

Harmonies

Analogous

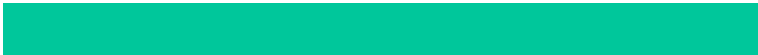
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4, 181, 43



11, 141, 193



0, 112, 199

Triad

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



11, 141, 193



0, 105, 255



255, 103, 111

Complementary

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



11, 141, 193



193, 11, 120

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, 95, 180



11, 141, 193



145, 152, 255

Square

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



11, 141, 193



0, 110, 255



241, 120, 247



255, 189, 48

Rectangle

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



11, 141, 193



0, 100, 203



241, 120, 247



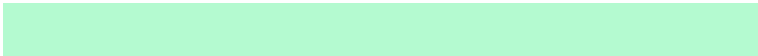
255, 96, 134

Sweetspot

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



11, 141, 193



180, 230, 250



11, 193, 84



82, 113, 125



252, 252, 252



125, 125, 125

Same Dimension

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



11, 141, 193



0, 179, 250



11, 107, 193



87, 94, 97



0, 115, 161



0, 24, 33

Inverse Universe

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



193, 11, 120



250, 0, 150



193, 11, 29



97, 87, 93



161, 0, 96



33, 0, 20

Previews

White Background



This preview shows how the RYB color 11, 141, 193 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 11, 141, 193 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 11, 141, 193 Background



This preview shows how black text looks on a background with the RGB color 11, 141, 193.

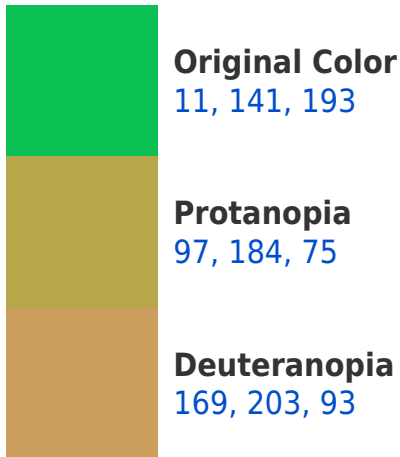


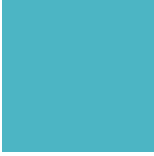
This preview shows how white text looks on a background with the RGB color 11, 141, 193.

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, 132, 196

Trichromacy



Original Color

11, 141, 193



Protanomaly

78, 176, 133



Deuteranomaly

90, 171, 128



Tritanomaly

52, 127, 185

Monochromacy



Original Color

11, 141, 193



Achromatopsia

126, 126, 126



Achromatomaly

84, 131, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 11, 141, 193 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(11, 193, 84)` looks like.

```
.text, #text, p{  
    color:rgb(11, 193, 84)  
}
```

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(11, 193, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 193, 84) }
```

Border

The CSS property to change the border of an element to RYB 11, 141, 193 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(11, 193, 84) }
```

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

```
.border{ border-color:rgb(11, 193, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 193, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 193, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 193, 84);  
box-shadow:4px 4px 4px 4px rgb(11, 193,  
84) }
```

Background

The CSS property to change the background color of an element to RGB 11, 193, 84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 193, 84) }
```

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

```
.background{ background-color: rgb(11, 193,  
84) }
```

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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