

Converting Colors

`RYB(11, 101, 183)`

Have a look what the booklet for RYB(11, 101, 183) contains.

RYB(11, 101, 183)	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

$\text{RYB}(11, 101, 183)$

Conversions

Conversions Part 1

Format	Color
Hex	0BB7A8
RGB	11, 183, 168
RGB Percent	4%, 72%, 66%
CMY	0.9569, 0.2824, 0.3423
CMYK	0.94, 0.00, 0.08, 0.28
HSL	175°, 89%, 38%
HSV	175°, 94%, 72%
XYZ	24.1125, 36.7545, 42.7283
YIQ	129.8620, -97.6970, -41.1290

Conversions

Conversions Part 2

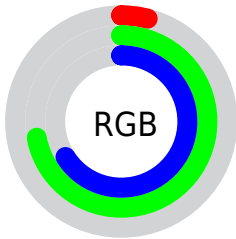
Format	Color
RYB	11, 101, 183
Decimal	767912
CIELab	67.09, -41.63, -3.16
CIElCh	67, 41.755, 184.343
Yxy	36.7545, 0.2328, 0.3548
Android (android.graphics.Color)	4278957992 (0xFF0BB7A8)
YUV	129.8620, 18.8020, -104.2420
Hunter-Lab	60.6255, -35.1001, 0.6508

Details

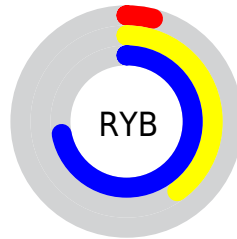
The RYB color **11, 101, 183** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **183, 11, 26**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **100, 175, 240**, and **0, 68, 129** is the 20% darker color. If you saturate the color by 10%, you get **0, 96, 183**, and if you desaturate by 10%, it is **29, 110, 183**.

Distribution



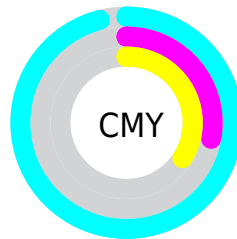
- Red (4%)
- Green (72%)
- Blue (66%)



- Red (4%)
- Yellow (40%)
- Blue (72%)



- Cyan (94%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)



- Cyan (96%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 11, 101, 183 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, 101, 183 by changing the saturation by 10% instead.



11, 101, 183



11, 101, 183

255, 255, 255



0, 82, 156



100, 175, 240



0, 68, 129



132, 195, 255



0, 55, 103



163, 209, 255



0, 42, 78



193, 224, 255



0, 29, 54



224, 240, 255



0, 19, 33



0, 0, 0



11, 101, 183



11, 101, 183



0, 96, 183



29, 110, 183

■ 48, 119, 183

■ 66, 127, 183

■ 84, 136, 183

■ 103, 145, 183

■ 121, 154, 183

■ 139, 162, 183

■ 157, 171, 183

■ 176, 180, 183

Harmonies

Analogous

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



95, 156, 180



11, 101, 183



0, 96, 205

Triad

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



11, 101, 183



174, 151, 225



213, 196, 96

Complementary

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



11, 101, 183



183, 11, 26

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.



232, 140, 123



11, 101, 183



215, 139, 197

Square

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



11, 101, 183



114, 150, 238



234, 133, 159



111, 182, 87

Rectangle

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



11, 101, 183



0, 99, 223



234, 133, 159



221, 168, 103

Sweetspot

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



11, 101, 183



171, 206, 237



11, 183, 166



79, 101, 120



247, 247, 247



120, 120, 120

Same Dimension

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



11, 101, 183



0, 124, 237



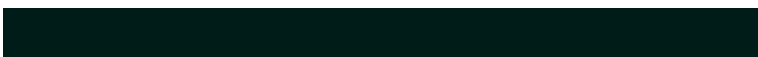
11, 75, 183



83, 88, 92



0, 82, 156



0, 15, 28

Inverse Universe

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



183, 11, 26



237, 0, 21



183, 126, 11



92, 83, 83



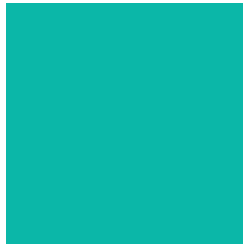
156, 0, 14



28, 0, 2

Previews

White Background



This preview shows how the RYB color 11, 101, 183 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, 101, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

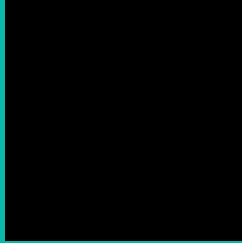
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

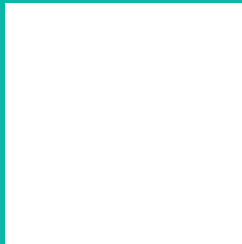
Any Text WCAG AAA ✓ Pass

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

RYB 11, 101, 183 Background



This preview shows how black text looks on a background with the RYB color 11, 101, 183.

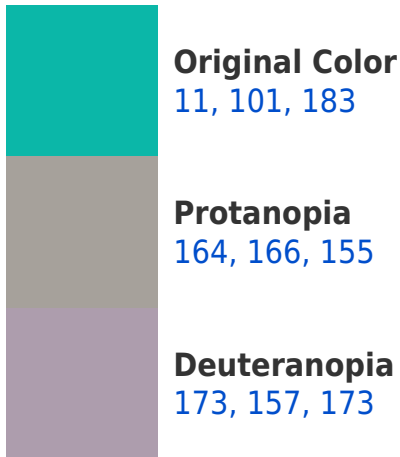


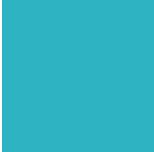
This preview shows how white text looks on a background with the RYB color 11, 101, 183.

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





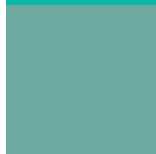
Tritanopia
46, 116, 194

Trichromacy



Original Color

11, 101, 183



Protanomaly

110, 142, 169



Deuteranomaly

114, 141, 171



Tritanomaly

33, 107, 184

Monochromacy



Original Color

11, 101, 183



Achromatopsia

130, 130, 130



Achromatomaly

87, 119, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 11, 101, 183 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, 183, 168)` looks like.

```
.text, #text, p{  
    color:rgb(11, 183, 168)  
}
```

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, 183, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 183, 168) }
```

Border

The CSS property to change the border of an element to RYB 11, 101, 183 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, 183, 168) }
```

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

```
.border{ border-color:rgb(11, 183, 168) }
```

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

Here you see how a box with a 4 pixel rgb(11, 183, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 183, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 183, 168);  
box-shadow:4px 4px 4px 4px rgb(11, 183,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 11, 101, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 183, 168) }
```

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

```
.background{ background-color: rgb(11, 183,  
168) }
```

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