

Converting Colors

`RYB(101, 147, 181)`

Have a look what the booklet for
RYB(101, 147, 181) contains.

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Color

R_YB(101, 147, 181)

Conversions

Conversions Part 1

Format	Color
Hex	65B5A0
RGB	101, 181, 160
RGB Percent	40%, 71%, 63%
CMY	0.6039, 0.2902, 0.3720
CMYK	0.44, 0.00, 0.12, 0.29
HSL	164°, 35%, 55%
HSV	164°, 44%, 71%
XYZ	28.2473, 38.3571, 39.2324
YIQ	154.6860, -40.9390, -23.4910

Conversions

Conversions Part 2

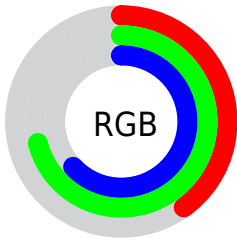
Format	Color
RYB	101, 147, 181
Decimal	6665632
CIELab	68.28, -29.62, 3.00
CIElCh	68, 29.771, 174.220
Yxy	38.3571, 0.2669, 0.3624
Android (android.graphics.Color)	4284855712 (0xFF65B5A0)
YUV	154.6860, 2.6198, -47.0826
Hunter-Lab	61.9331, -26.9702, 5.7950

Details

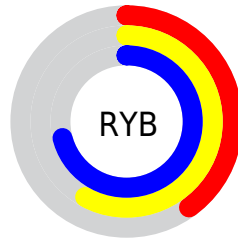
The RYB color **101, 147, 181** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **181, 101, 122**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **156, 203, 237**, and **45, 92, 128** is the 20% darker color. If you saturate the color by 10%, you get **83, 139, 181**, and if you desaturate by 10%, it is **119, 155, 181**.

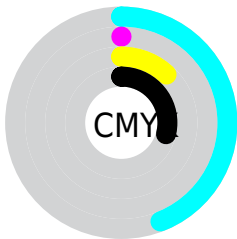
Distribution



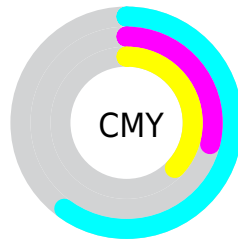
- Red (40%)
- Green (71%)
- Blue (63%)



- Red (40%)
- Yellow (58%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)




- Cyan (60%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 101, 147, 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 101, 147, 181 by changing the saturation by 10% instead.

 101, 147, 181


255, 255, 255


 156, 203, 237

 184, 223, 255


 213, 234, 255

 242, 249, 255

 101, 147, 181

 74, 120, 154

 45, 92, 128


 8, 60, 102


 0, 44, 78


 0, 31, 54

 0, 22, 34

 0, 0, 0

 101, 147, 181

 83, 139, 181

 101, 147, 181

 119, 155, 181

■ 65, 132, 181

■ 137, 162, 181

■ 47, 124, 181

■ 155, 170, 181

■ 29, 117, 181

■ 173, 178, 181

■ 11, 109, 181

■ 192, 181, 184

■ 0, 104, 181

■ 210, 181, 188

■ 228, 181, 193

■ 246, 181, 198

■ 255, 181, 203

Harmonies

Analogous

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



132, 176, 178



101, 147, 181



80, 132, 188

Triad

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



101, 147, 181



163, 161, 215



211, 170, 124

Complementary

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



101, 147, 181



181, 101, 122

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.



220, 148, 146



101, 147, 181



196, 152, 198

Square

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



101, 147, 181



123, 155, 219



216, 147, 173



155, 190, 113

Rectangle

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



101, 147, 181



82, 136, 203



216, 147, 173



215, 158, 130

Sweetspot

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



101, 147, 181



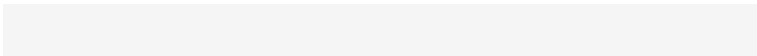
204, 222, 235



101, 181, 160



99, 109, 117



245, 245, 245



117, 117, 117

Same Dimension

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



101, 147, 181



110, 182, 235



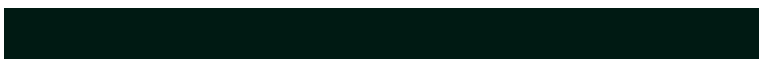
101, 136, 181



80, 85, 89



0, 88, 153



0, 15, 26

Inverse Universe

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



181, 101, 122



235, 110, 143



181, 126, 101



89, 80, 83



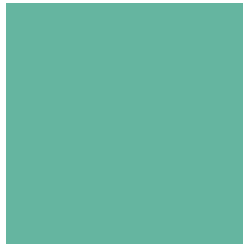
153, 0, 40



26, 0, 7

Previews

White Background



This preview shows how the RYB color 101, 147, 181 looks on a white background.

Color Contrast Check

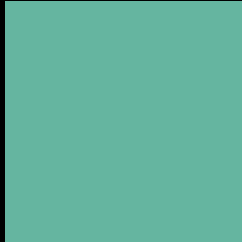
Large Text (above 18pt) WCAG AA × Fail

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 101, 147, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

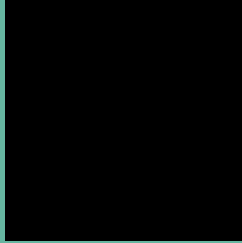
Any Text WCAG AA ✓ Pass

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](#).

RYB 101, 147, 181 Background



This preview shows how black text looks on a background with the RYB color 101, 147, 181.

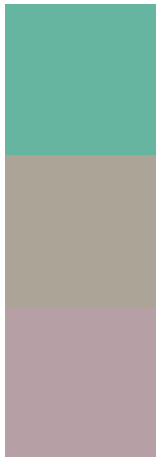


This preview shows how white text looks on a background with the RYB color 101, 147, 181.

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



Original Color
101, 147, 181

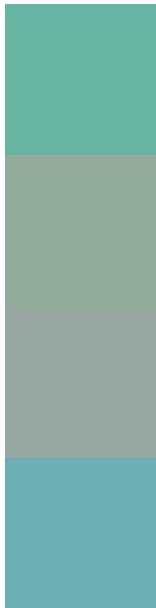
Protanopia
162, 172, 151

Deuteranopia
182, 160, 165



Tritanopia
109, 146, 191

Trichromacy



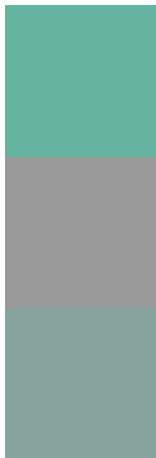
Original Color
101, 147, 181

Protanomaly
146, 165, 171

Deuteranomaly
153, 162, 168

Tritanomaly
106, 142, 180

Monochromacy



Original Color
101, 147, 181

Achromatopsia
155, 155, 155

Achromatomaly
135, 151, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 101, 147, 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(101, 181, 160)` looks like.

```
.text, #text, p{  
    color:rgb(101, 181, 160)  
}
```

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(101, 181, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 181, 160) }
```

Border

The CSS property to change the border of an element to RYB 101, 147, 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(101, 181, 160) }
```

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

```
.border{ border-color:rgb(101, 181, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 181, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 181, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 181, 160);  
box-shadow:4px 4px 4px 4px rgb(101, 181,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 101, 147, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 181, 160) }
```

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

```
.background{ background-color: rgb(101,  
181, 160) }
```

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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