

Converting Colors

`RYB(101, 160, 181)`

Have a look what the booklet for
RYB(101, 160, 181) contains.

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Color

R_YB(101, 160, 181)

Conversions

Conversions Part 1

Format	Color
Hex	65B581
RGB	101, 181, 129
RGB Percent	40%, 71%, 51%
CMY	0.6039, 0.2902, 0.4923
CMYK	0.44, 0.00, 0.28, 0.29
HSL	141°, 35%, 55%
HSV	141°, 44%, 71%
XYZ	25.8848, 37.4121, 26.7916
YIQ	151.1520, -30.9880, -33.1320

Conversions

Conversions Part 2

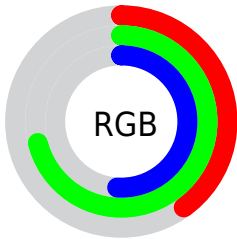
Format	Color
RYB	101, 160, 181
Decimal	6665601
CIELab	67.59, -36.19, 18.79
CIELCh	68, 40.771, 152.564
Yxy	37.4121, 0.2873, 0.4153
Android (android.graphics.Color)	4284855681 (0xFF65B581)
YUV	151.1520, -10.9209, -43.9833
Hunter-Lab	61.1654, -31.4995, 16.8456

Details

The RYB color **101, 160, 181** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **181, 101, 153**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **156, 217, 237**, and **46, 104, 127** is the 20% darker color. If you saturate the color by 10%, you get **83, 155, 181**, and if you desaturate by 10%, it is **119, 165, 181**.

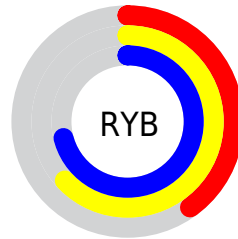
Distribution



Red (40%)

Green (71%)

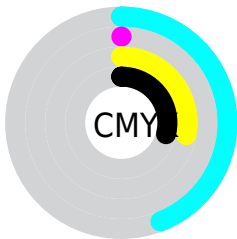
Blue (51%)



Red (40%)

Yellow (63%)

Blue (71%)

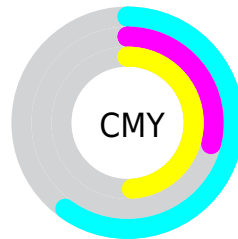


Cyan (44%)

Magenta (0%)

Yellow (28%)

Black (29%)



Cyan (60%)


Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 101, 160, 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, 160, 181 by changing the saturation by 10% instead.

 101, 160, 181


255, 255, 255


 156, 217, 237


 184, 236, 255

 212, 238, 255

 241, 248, 255

 101, 160, 181


 74, 132, 154

 46, 103, 127

 12, 72, 102


 0, 53, 77


 0, 44, 54

 0, 34, 34

 0, 0, 0

 101, 160, 181

 83, 155, 181

 101, 160, 181

 119, 165, 181

■ 65, 151, 181

■ 137, 169, 181

■ 47, 146, 181

■ 155, 174, 181

■ 29, 141, 181

■ 173, 179, 181

■ 11, 137, 181

■ 192, 181, 188

■ 0, 134, 181

■ 210, 181, 199

■ 228, 181, 211

■ 246, 181, 223

■ 255, 181, 234

Harmonies

Analogous

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



101, 174, 129



101, 160, 181



36, 115, 184

Triad

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



101, 160, 181



113, 151, 238



233, 141, 127

Complementary

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



101, 160, 181



181, 101, 153

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.



233, 135, 163



101, 160, 181



172, 154, 227

Square

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



101, 160, 181



23, 111, 229



213, 141, 199



215, 192, 100

Rectangle

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



101, 160, 181



0, 94, 192



213, 141, 199



235, 137, 138

Sweetspot

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



101, 160, 181



204, 227, 235



101, 181, 129



99, 113, 117



245, 245, 245



117, 117, 117

Same Dimension

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



101, 160, 181



110, 202, 235



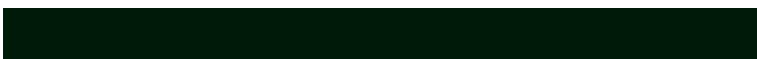
101, 144, 181



80, 86, 89



0, 113, 153



0, 19, 26

Inverse Universe

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



181, 101, 153



235, 110, 190



181, 101, 113



89, 80, 86



153, 0, 99



26, 0, 16

Previews

White Background



This preview shows how the RYB color 101, 160, 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, 160, 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, 160, 181 Background



This preview shows how black text looks on a background with the RYB color 101, 160, 181.

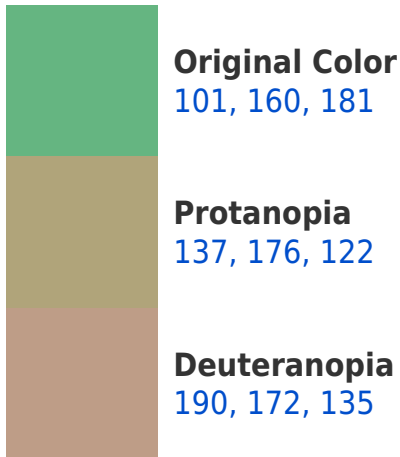


This preview shows how white text looks on a background with the RYB color 101, 160, 181.

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
115, 147, 187

Trichromacy



Original Color
101, 160, 181

Protanomaly
125, 170, 146

Deuteranomaly
133, 166, 141

Tritanomaly
110, 146, 177

Monochromacy



Original Color
101, 160, 181

Achromatopsia
151, 151, 151

Achromatomaly
133, 155, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 101, 160, 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(101, 181, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 181, 129) }
```

Border

The CSS property to change the border of an element to RYB 101, 160, 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, 129) }
```

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

```
.border{ border-color:rgb(101, 181, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 181, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 181, 129);  
box-shadow:4px 4px 4px 4px rgb(101, 181,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 101, 160, 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, 129) }
```

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

```
.background{ background-color: rgb(101,  
181, 129) }
```

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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