

Converting Colors

RGB(101, 181, 144)

Have a look what the booklet for
RGB(101, 181, 144) contains.

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Color

RGB(101, 181, 144)

Conversions

Conversions Part 1

Format	Color
Hex	65B590
RGB	101, 181, 144
RGB Percent	40%, 71%, 56%
CMY	0.6039, 0.2902, 0.4353
CMYK	0.44, 0.00, 0.20, 0.29
HSL	152°, 35%, 55%
HSV	152°, 44%, 71%
XYZ	26.9247, 37.8281, 32.2680
YIQ	152.8620, -35.8030, -28.4670

Conversions

Conversions Part 2

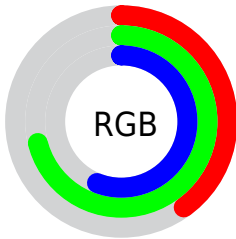
Format	Color
RYB	101, 153, 181
Decimal	6665616
CIELab	67.89, -33.23, 11.30
CIElCh	68, 35.102, 161.217
Yxy	37.8281, 0.2775, 0.3899
Android (android.graphics.Color)	4284855696 (0xFF65B590)
YUV	152.8620, -4.3690, -45.4830
Hunter-Lab	61.5045, -29.4912, 11.9470

Details

The RGB color **101, 181, 144** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **181, 101, 138**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **156, 237, 198**, and **46, 128, 94** is the 20% darker color. If you saturate the color by 10%, you get **83, 181, 136**, and if you desaturate by 10%, it is **119, 181, 152**.

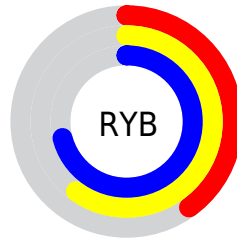
Distribution



Red (40%)

Green (71%)

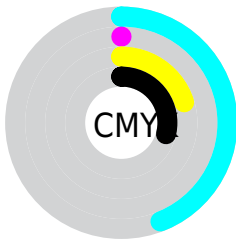
Blue (56%)



Red (40%)

Yellow (60%)

Blue (71%)

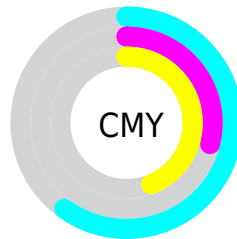


Cyan (44%)

Magenta (0%)

Yellow (20%)

Black (29%)



Cyan (60%)


Magenta (29%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 181, 144 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 RGB color 101, 181, 144 by changing the saturation by 10% instead.

 101, 181, 144

255, 255, 255


 156, 237, 198


 184, 255, 226


 212, 255, 255

 241, 255, 255


 101, 181, 144

 83, 181, 136

 101, 181, 144

 74, 154, 118

 46, 128, 94


 11, 102, 70


 0, 77, 47


 0, 54, 26

 0, 34, 0


 0, 0, 0

 101, 181, 144


 119, 181, 152


 65, 181, 127


 137, 181, 161

 47, 181, 119


 155, 181, 169


 29, 181, 111

 173, 181, 177

 11, 181, 102


 192, 181, 186

 0, 181, 97

 210, 181, 194

 228, 181, 203

 246, 181, 211

 255, 181, 219

Harmonies

Analogous

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



140, 176, 117



101, 181, 144



60, 183, 177

Triad

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



101, 181, 144



140, 164, 227



223, 146, 125

Complementary

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



101, 181, 144



181, 101, 138

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.



227, 141, 155



101, 181, 144



184, 153, 213

Square

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



101, 181, 144



87, 174, 225



215, 144, 187



204, 157, 106

Rectangle

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



101, 181, 144



43, 182, 197



215, 144, 187



226, 144, 134

Sweetspot

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



101, 181, 144



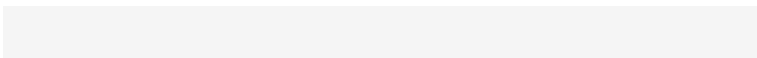
204, 235, 220



138, 181, 101



99, 117, 109



245, 245, 245



117, 117, 117

Same Dimension

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



101, 181, 144



110, 235, 177



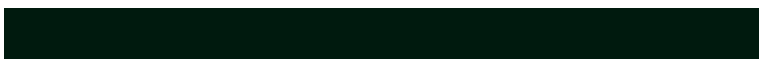
101, 178, 181



80, 89, 85



0, 153, 82



0, 26, 14

Inverse Universe

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



181, 101, 138



235, 110, 168



181, 104, 101



89, 80, 84



153, 0, 71



26, 0, 12

Previews

White Background



This preview shows how the RGB color 101, 181, 144 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 RGB color 101, 181, 144 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 101, 181, 144 Background



This preview shows how black text looks on a background with the RGB color 101, 181, 144.

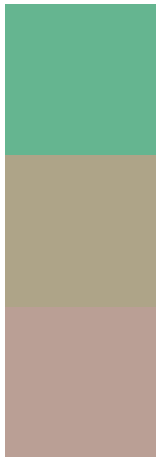


This preview shows how white text looks on a background with the RGB color 101, 181, 144.

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, 181, 144

Protanopia
174, 164, 136

Deuteranopia
186, 159, 149



Tritanopia
112, 175, 189

Trichromacy



Original Color

101, 181, 144



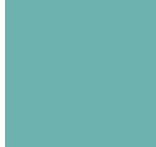
Protanomaly

147, 170, 139



Deuteranomaly

155, 167, 147



Tritanomaly

108, 177, 173

Monochromacy



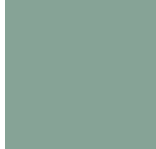
Original Color

101, 181, 144



Achromatopsia

153, 153, 153



Achromatomaly

134, 163, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 181, 144 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(101, 181, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 181, 144) }
```

Border

The CSS property to change the border of an element to RGB 101, 181, 144 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, 144) }
```

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

```
.border{ border-color:rgb(101, 181, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 181, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 181, 144);  
box-shadow:4px 4px 4px 4px rgb(101, 181,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 101, 181, 144 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, 144) }
```

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

```
.background{ background-color: rgb(101,  
181, 144) }
```

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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