

Converting Colors

RGB(105, 181, 149)

Have a look what the booklet for
RGB(105, 181, 149) contains.

RGB(105, 181, 149)	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

RGB(105, 181, 149)

Conversions

Conversions Part 1

Format	Color
Hex	69B595
RGB	105, 181, 149
RGB Percent	41%, 71%, 58%
CMY	0.5882, 0.2902, 0.4157
CMYK	0.42, 0.00, 0.18, 0.29
HSL	155°, 34%, 56%
HSV	155°, 42%, 71%
XYZ	27.7744, 38.2209, 34.3473
YIQ	154.6280, -35.0240, -26.0640

Conversions

Conversions Part 2

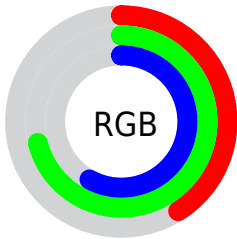
Format	Color
RYB	105, 153, 181
Decimal	6927765
CIELab	68.18, -31.06, 9.00
CIELCh	68, 32.338, 163.847
Yxy	38.2209, 0.2768, 0.3809
Android (android.graphics.Color)	4285117845 (0xFF69B595)
YUV	154.6280, -2.7746, -43.5238
Hunter-Lab	61.8231, -27.9982, 10.3362

Details

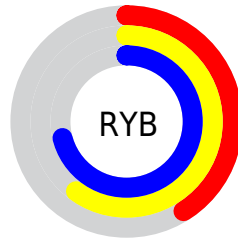
The RGB color **105, 181, 149** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **181, 105, 137**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **159, 237, 203**, and **51, 128, 98** is the 20% darker color. If you saturate the color by 10%, you get **87, 181, 141**, and if you desaturate by 10%, it is **123, 181, 157**.

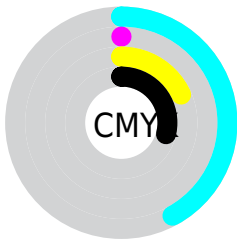
Distribution



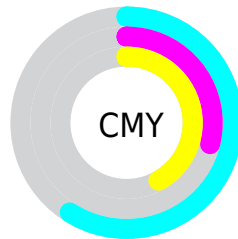
- Red (41%)
- Green (71%)
- Blue (58%)



- Red (41%)
- Yellow (60%)
- Blue (71%)



- Cyan (42%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)



- Cyan (59%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 181, 149 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 105, 181, 149 by changing the saturation by 10% instead.

 105, 181, 149

255, 255, 255


 159, 237, 203

 187, 255, 231


 216, 255, 255

 245, 255, 255

 105, 181, 149

 78, 154, 123

 51, 128, 98

 20, 102, 74


 0, 78, 52

 0, 54, 31

 0, 34, 7


 0, 0, 0


 105, 181, 149


 87, 181, 141

 105, 181, 149


 123, 181, 157

 69, 181, 134


 141, 181, 164

 51, 181, 126

 159, 181, 172

 33, 181, 119

 177, 181, 179


 15, 181, 111

 196, 181, 187

 0, 181, 105

 214, 181, 195

 232, 181, 202

 250, 181, 210

 255, 181, 218

Harmonies

Analogous

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



140, 176, 123



105, 181, 149



73, 182, 179

Triad

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



105, 181, 149



147, 164, 223



219, 150, 127

Complementary

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



105, 181, 149



181, 105, 137

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.



224, 144, 154



105, 181, 149



187, 154, 208

Square

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



105, 181, 149



102, 174, 222



214, 146, 183



200, 159, 110

Rectangle

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



105, 181, 149



65, 181, 198



214, 146, 183



222, 147, 135

Sweetspot

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



105, 181, 149



204, 235, 222



138, 181, 105



99, 117, 109



245, 245, 245



117, 117, 117

Same Dimension

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



105, 181, 149



117, 235, 185



105, 176, 181



80, 89, 85



0, 153, 89



0, 26, 15

Inverse Universe

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



181, 105, 137



235, 117, 167



181, 110, 105



89, 80, 84



153, 0, 64



26, 0, 11

Previews

White Background



This preview shows how the RGB color 105, 181, 149 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 105, 181, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

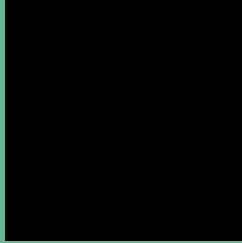
Any Text WCAG AA ✓ Pass

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 105, 181, 149 Background



This preview shows how black text looks on a background with the RGB color 105, 181, 149.

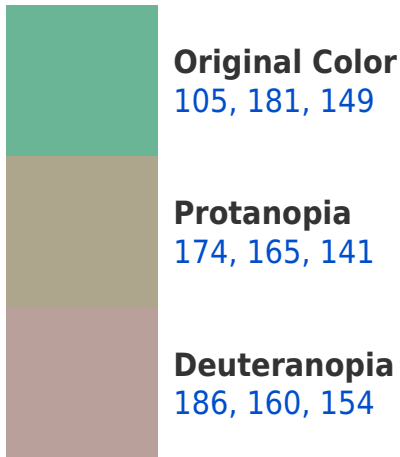


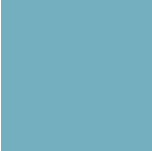
This preview shows how white text looks on a background with the RGB color 105, 181, 149.

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, 175, 190

Trichromacy



Original Color

105, 181, 149



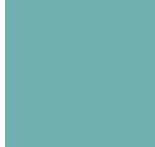
Protanomaly

149, 171, 144



Deuteranomaly

157, 168, 152



Tritanomaly

111, 177, 175

Monochromacy



Original Color

105, 181, 149



Achromatopsia

155, 155, 155



Achromatomaly

137, 164, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 181, 149 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(105, 181, 149)` looks like.

```
.text, #text, p{  
    color:rgb(105, 181, 149)  
}
```

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(105, 181, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 181, 149) }
```

Border

The CSS property to change the border of an element to RGB 105, 181, 149 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(105, 181, 149) }
```

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

```
.border{ border-color:rgb(105, 181, 149) }
```

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

Here you see how a box with a 4 pixel rgb(105, 181, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 181, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 181, 149);  
box-shadow:4px 4px 4px 4px rgb(105, 181,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 105, 181, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 181, 149) }
```

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

```
.background{ background-color: rgb(105,  
181, 149) }
```

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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