

Converting Colors

RGB(27, 195, 105)

Have a look what the booklet for
RGB(27, 195, 105) contains.

RGB(27, 195, 105)	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(27, 195, 105)

Conversions

Conversions Part 1

Format	Color
Hex	1BC369
RGB	27, 195, 105
RGB Percent	11%, 76%, 41%
CMY	0.8941, 0.2353, 0.5882
CMYK	0.86, 0.00, 0.46, 0.24
HSL	148°, 76%, 44%
HSV	148°, 86%, 76%
XYZ	22.5169, 40.2831, 19.9533
YIQ	134.5080, -71.2380, -63.6060

Conversions

Conversions Part 2

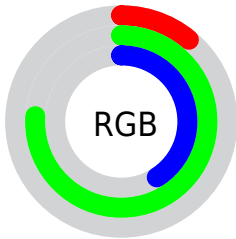
Format	Color
RYB	27, 142, 195
Decimal	1819497
CIELab	69.67, -59.89, 34.11
CIELCh	70, 68.921, 150.338
Yxy	40.2831, 0.2721, 0.4868
Android (android.graphics.Color)	4280009577 (0xFF1BC369)
YUV	134.5080, -14.5474, -94.2845
Hunter-Lab	63.4690, -47.7443, 25.7888

Details

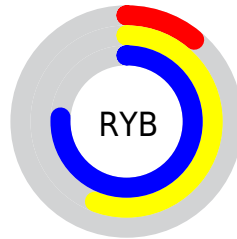
The RGB color **27, 195, 105** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **195, 27, 117**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **106, 253, 157**, and **0, 140, 56** is the 20% darker color. If you saturate the color by 10%, you get **7, 195, 95**, and if you desaturate by 10%, it is **46, 195, 115**.

Distribution



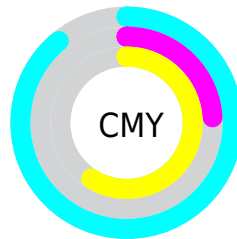
- Red (11%)
- Green (76%)
- Blue (41%)



- Red (11%)
- Yellow (56%)
- Blue (76%)



- Cyan (86%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (89%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 27, 195, 105 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 27, 195, 105 by changing the saturation by 10% instead.

 27, 195, 105  27, 195, 105

255, 255, 255  0, 167, 80

 106, 253, 157  0, 140, 56

 137, 255, 185  0, 113, 31

 167, 255, 213  0, 87, 5

 198, 255, 241  0, 62, 0

 228, 255, 255  0, 39, 0

 0, 0, 0

 27, 195, 105  27, 195, 105

 7, 195, 95  46, 195, 115

■ 0, 195, 91

■ 66, 195, 126

■ 85, 195, 136

■ 105, 195, 147

■ 124, 195, 157

■ 144, 195, 168

■ 163, 195, 178

■ 183, 195, 189

■ 202, 195, 199

Harmonies

Analogous

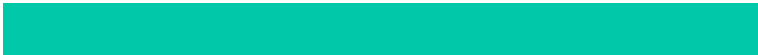
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



138, 185, 50



27, 195, 105



0, 200, 169

Triad

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



27, 195, 105



0, 177, 255



255, 119, 111

Complementary

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



27, 195, 105



195, 27, 117

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.



255, 109, 172



27, 195, 105



170, 153, 255

Square

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



27, 195, 105



0, 192, 255



246, 126, 233



250, 143, 59

Rectangle

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



27, 195, 105



0, 200, 212



246, 126, 233



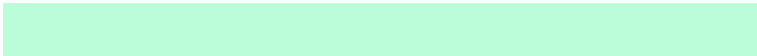
255, 113, 130

Sweetspot

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



27, 195, 105



187, 252, 217



119, 195, 27



88, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



27, 195, 105



0, 252, 117



27, 195, 187



87, 97, 92



0, 161, 75



0, 33, 15

Inverse Universe

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



195, 27, 117



252, 0, 135



195, 27, 35



97, 87, 92



161, 0, 86



33, 0, 18

Previews

White Background



This preview shows how the RGB color 27, 195, 105 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 27, 195, 105 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 27, 195, 105 Background



This preview shows how black text looks on a background with the RGB color 27, 195, 105.

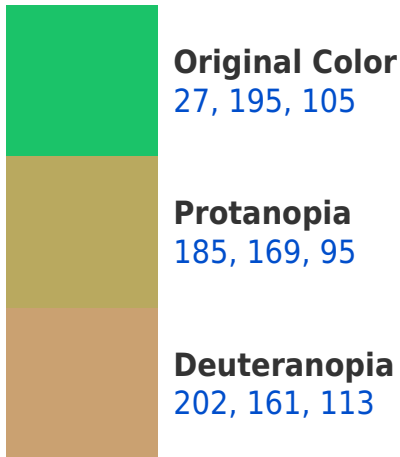


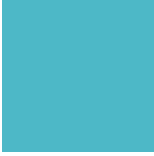
This preview shows how white text looks on a background with the RGB color 27, 195, 105.

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
77, 184, 199

Trichromacy



Original Color

27, 195, 105



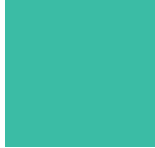
Protanomaly

128, 178, 99



Deuteranomaly

138, 173, 110



Tritanomaly

59, 188, 165

Monochromacy



Original Color

27, 195, 105



Achromatopsia

135, 135, 135



Achromatomaly

96, 157, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 27, 195, 105 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(27, 195, 105)` looks like.

```
.text, #text, p{  
    color:rgb(27, 195, 105)  
}
```

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(27, 195, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 195, 105) }
```

Border

The CSS property to change the border of an element to RGB 27, 195, 105 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(27, 195, 105) }
```

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

```
.border{ border-color:rgb(27, 195, 105) }
```

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

Here you see how a box with a 4 pixel rgb(27, 195, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 195, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 195, 105);  
box-shadow:4px 4px 4px 4px rgb(27, 195,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 27, 195, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 195, 105) }
```

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

```
.background{ background-color: rgb(27, 195,  
105) }
```

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