

Converting Colors

RGB(76, 163, 105)

Have a look what the booklet for
RGB(76, 163, 105) contains.

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Color

RGB(76, 163, 105)

Conversions

Conversions Part 1

Format	Color
Hex	4CA369
RGB	76, 163, 105
RGB Percent	30%, 64%, 41%
CMY	0.7020, 0.3608, 0.5882
CMYK	0.53, 0.00, 0.36, 0.36
HSL	140°, 36%, 47%
HSV	140°, 53%, 64%
XYZ	18.6275, 28.7508, 17.9323
YIQ	130.3750, -33.2340, -36.4820

Conversions

Conversions Part 2

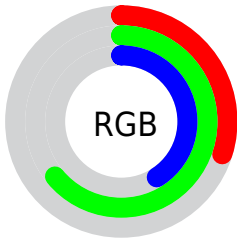
Format	Color
RYB	76, 141, 163
Decimal	5022569
CIELab	60.56, -39.57, 22.37
CIELCh	61, 45.461, 150.518
Yxy	28.7508, 0.2852, 0.4402
Android (android.graphics.Color)	4283212649 (0xFF4CA369)
YUV	130.3750, -12.5099, -47.6869
Hunter-Lab	53.6198, -31.8238, 17.7052

Details

The RGB color **76, 163, 105** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **163, 76, 134**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **131, 219, 157**, and **9, 110, 57** is the 20% darker color. If you saturate the color by 10%, you get **60, 163, 94**, and if you desaturate by 10%, it is **92, 163, 116**.

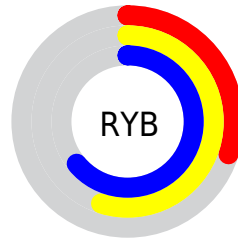
Distribution



Red (30%)

Green (64%)

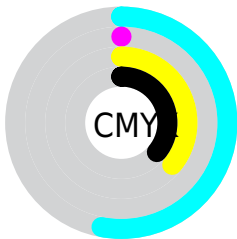
Blue (41%)



Red (30%)

Yellow (55%)

Blue (64%)

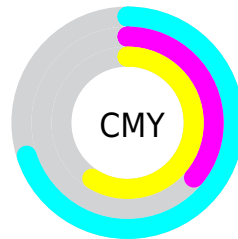


Cyan (53%)

Magenta (0%)

Yellow (36%)

Black (36%)



Cyan (70%)




















Magenta (36%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 163, 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 76, 163, 105 by changing the saturation by 10% instead.

 76, 163, 105	 76, 163, 105
 255, 255, 255	 47, 136, 81
 131, 219, 157	 9, 110, 57
 159, 247, 184	 0, 85, 35
 187, 255, 211	 0, 61, 13
 216, 255, 240	 0, 40, 0
 245, 255, 255	 0, 4, 0
	 0, 0, 0
 76, 163, 105	 76, 163, 105
 60, 163, 94	 92, 163, 116

■ 43, 163, 83

■ 109, 163, 127

■ 27, 163, 72

■ 125, 163, 138

■ 11, 163, 62

■ 141, 163, 148

■ 0, 163, 54

■ 158, 163, 159

■ 174, 163, 170

■ 190, 163, 181

■ 206, 163, 192

■ 223, 163, 203

Harmonies

Analogous

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



128, 156, 74



76, 163, 105



0, 166, 145

Triad

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



76, 163, 105



74, 150, 226



219, 116, 108

Complementary

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



76, 163, 105



163, 76, 134

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.



219, 112, 147



76, 163, 105



149, 135, 215

Square

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



76, 163, 105



0, 160, 215



196, 120, 186



201, 130, 77

Rectangle

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



76, 163, 105



0, 166, 173



196, 120, 186



221, 114, 120

Sweetspot

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



76, 163, 105



178, 212, 189



134, 163, 76



87, 107, 94



235, 235, 235



107, 107, 107

Same Dimension

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



76, 163, 105



76, 212, 121



76, 163, 148



73, 82, 76



0, 145, 48



0, 18, 6

Inverse Universe

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



163, 76, 134



212, 76, 166



163, 76, 91



82, 73, 79



145, 0, 97



18, 0, 12

Previews

White Background



This preview shows how the RGB color 76, 163, 105 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 76, 163, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

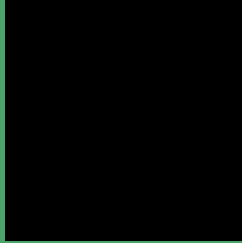
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 76, 163, 105 Background



This preview shows how black text looks on a background with the RGB color 76, 163, 105.



This preview shows how white text looks on a background with the RGB color 76, 163, 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



Original Color
76, 163, 105

Protanopia
157, 145, 98

Deuteranopia
171, 139, 110



Tritanopia

93, 155, 168

Trichromacy



Original Color

76, 163, 105



Protanomaly

128, 152, 101



Deuteranomaly

136, 148, 108



Tritanomaly

87, 158, 145

Monochromacy



Original Color

76, 163, 105



Achromatopsia

130, 130, 130



Achromatomaly

110, 142, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 163, 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(76, 163, 105)` looks like.

```
.text, #text, p{  
    color:rgb(76, 163, 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(76, 163, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 163, 105) }
```

Border

The CSS property to change the border of an element to RGB 76, 163, 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(76, 163, 105) }
```

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

```
.border{ border-color:rgb(76, 163, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 163, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 163, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 163, 105);  
box-shadow:4px 4px 4px 4px rgb(76, 163,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 76, 163, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 163, 105) }
```

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

```
.background{ background-color: rgb(76, 163,  
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](#).

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