

Converting Colors

RGB(165, 49, 107)

Have a look what the booklet for
RGB(165, 49, 107) contains.

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Color

RGB(165, 49, 107)

Conversions

Conversions Part 1

Format	Color
Hex	A5316B
RGB	165, 49, 107
RGB Percent	65%, 19%, 42%
CMY	0.3529, 0.8078, 0.5804
CMYK	0.00, 0.70, 0.35, 0.35
HSL	330°, 54%, 42%
HSV	330°, 70%, 65%
XYZ	19.2692, 11.2575, 15.0672
YIQ	90.2960, 50.5180, 42.6300

Conversions

Conversions Part 2

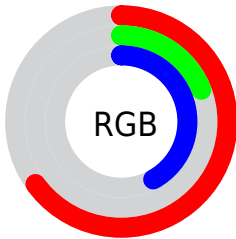
Format	Color
R_{YB}	165, 49, 107
Decimal	10826091
CIE _{Lab}	40.01, 52.30, -6.88
CIE _{LCh}	40, 52.752, 352.509
Yxy	11.2575, 0.4226, 0.2469
Android (android.graphics.Color)	4289016171 (0xFFA5316B)
YUV	90.2960, 8.2351, 65.5154
Hunter-Lab	33.5522, 43.7972, -3.1387

Details

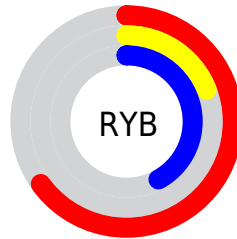
The RGB color **165, 49, 107** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49, 165, 107**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **223, 104, 158**, and **109, 0, 60** is the 20% darker color. If you saturate the color by 10%, you get **165, 32, 99**, and if you desaturate by 10%, it is **165, 65, 115**.

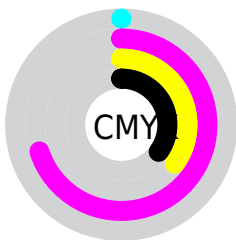
Distribution



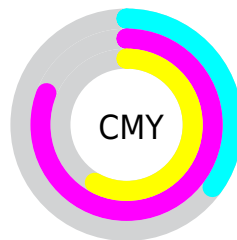
- Red (65%)
- Green (19%)
- Blue (42%)



- Red (65%)
- Yellow (19%)
- Blue (42%)



- Cyan (0%)
- Magenta (70%)
- Yellow (35%)
- Black (35%)




















- Cyan (35%)
- Magenta (81%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 49, 107 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 165, 49, 107 by changing the saturation by 10% instead.

 165, 49, 107	 165, 49, 107
 255, 255, 255	 137, 15, 83
 223, 104, 158	 109, 0, 60
 253, 131, 185	 81, 0, 38
 255, 159, 213	 57, 0, 18
 255, 187, 241	 21, 0, 0
 255, 216, 255	 0, 0, 0
 255, 245, 255	

 165, 49, 107	 165, 49, 107
 165, 32, 99	 165, 65, 115

165, 16, 90

165, 82, 123

165, 0, 82

165, 98, 132

165, 115, 140

165, 131, 148

165, 148, 156

165, 164, 165

165, 181, 173

165, 197, 181

Harmonies

Analogous

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



135, 67, 147



165, 49, 107



169, 51, 64

Triad

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



165, 49, 107



83, 102, 0



0, 111, 162

Complementary

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



165, 49, 107



49, 165, 107

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.



0, 114, 126



165, 49, 107



15, 109, 38

Square

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



165, 49, 107



123, 89, 0



0, 113, 82



0, 103, 180

Rectangle

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



165, 49, 107



161, 63, 37



0, 113, 82



0, 112, 152

Sweetspot

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



165, 49, 107



214, 169, 192



107, 49, 165



107, 80, 94



235, 235, 235



107, 107, 107

Same Dimension

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



165, 49, 107



214, 34, 124



165, 49, 49



82, 73, 78



145, 0, 73



18, 0, 9

Inverse Universe

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



165, 49, 107



214, 34, 124



49, 165, 165



82, 73, 78



145, 0, 73



18, 0, 9

Previews

White Background



This preview shows how the RGB color 165, 49, 107 looks on a white background.

Color Contrast Check

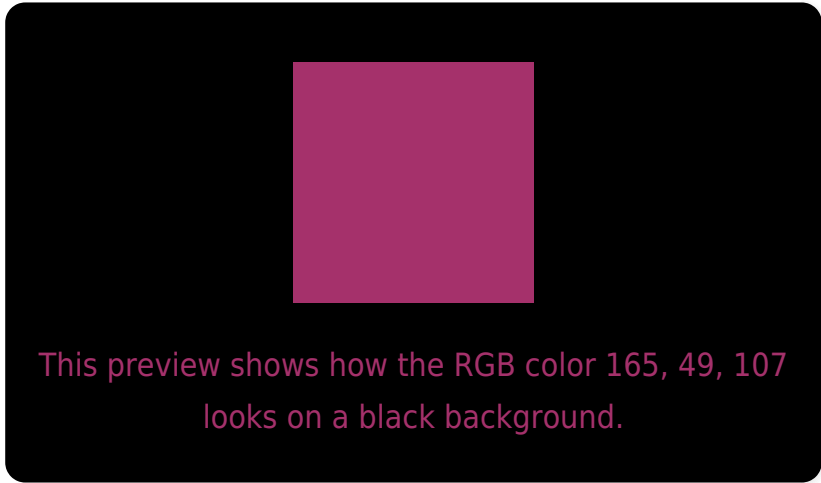
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

RGB 165, 49, 107 Background



This preview shows how black text looks on a background with the RGB color 165, 49, 107.



This preview shows how white text looks on a background with the RGB color 165, 49, 107.

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
165, 49, 107

Protanopia
81, 94, 137

Deuteranopia
102, 92, 101



Tritanopia
162, 60, 64

Trichromacy



Original Color

165, 49, 107

Protanomaly

112, 78, 126

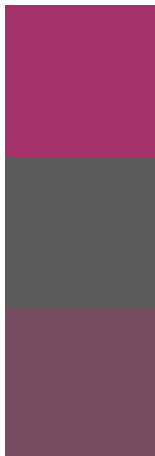
Deuteranomaly

125, 76, 103

Tritanomaly

163, 56, 80

Monochromacy



Original Color

165, 49, 107

Achromatopsia

90, 90, 90

Achromatomaly

117, 75, 96

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 49, 107 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(165, 49, 107)` looks like.

```
.text, #text, p{  
    color:rgb(165, 49, 107)  
}
```

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(165, 49, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 49, 107) }
```

Border

The CSS property to change the border of an element to RGB 165, 49, 107 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(165, 49, 107) }
```

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

```
.border{ border-color:rgb(165, 49, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 49, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 49, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 49, 107);  
box-shadow:4px 4px 4px 4px rgb(165, 49,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 165, 49, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 49, 107) }
```

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

```
.background{ background-color: rgb(165, 49,  
107) }
```

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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