

Converting Colors

RGB(167, 29, 117)

Have a look what the booklet for
RGB(167, 29, 117) contains.

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Color

RGB(167, 29, 117)

Conversions

Conversions Part 1

Format	Color
Hex	A71D75
RGB	167, 29, 117
RGB Percent	65%, 11%, 46%
CMY	0.3451, 0.8863, 0.5412
CMYK	0.00, 0.83, 0.30, 0.35
HSL	322°, 70%, 38%
HSV	322°, 83%, 65%
XYZ	19.5866, 10.3786, 17.8006
YIQ	80.2940, 54.0000, 56.6240

Conversions

Conversions Part 2

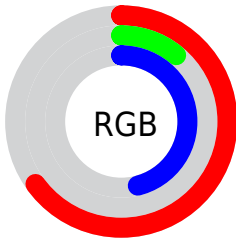
Format	Color
RYB	167, 29, 117
Decimal	10952053
CIELab	38.51, 60.36, -15.37
CIELCh	39, 62.286, 345.714
Yxy	10.3786, 0.4101, 0.2173
Android (android.graphics.Color)	4289142133 (0xFFA71D75)
YUV	80.2940, 18.0961, 76.0412
Hunter-Lab	32.2158, 52.1470, -10.2091

Details

The RGB color **167, 29, 117** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **29, 167, 79**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **226, 91, 169**, and **110, 0, 69** is the 20% darker color. If you saturate the color by 10%, you get **167, 12, 111**, and if you desaturate by 10%, it is **167, 46, 123**.

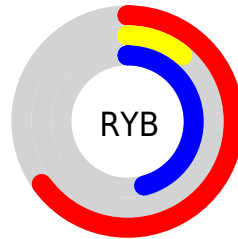
Distribution



Red (65%)

Green (11%)

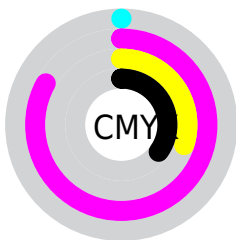
Blue (46%)



Red (65%)

Yellow (11%)

Blue (46%)

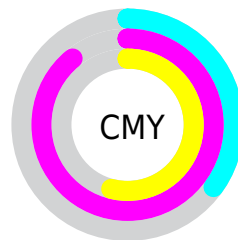


Cyan (0%)

Magenta (83%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (89%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 29, 117 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 167, 29, 117 by changing the saturation by 10% instead.



167, 29, 117



167, 29, 117

255, 255, 255



138, 0, 92



226, 91, 169



110, 0, 69



255, 119, 196



82, 0, 46



255, 147, 224



57, 0, 26



255, 176, 253



23, 0, 0



255, 204, 255



0, 0, 0



255, 234, 255



167, 29, 117



167, 29, 117



167, 12, 111



167, 46, 123

■ 167, 0, 106

■ 167, 62, 129

■ 167, 79, 135

■ 167, 96, 141

■ 167, 112, 147

■ 167, 129, 153

■ 167, 146, 159

■ 167, 163, 165

■ 167, 179, 171

Harmonies

Analogous

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



124, 62, 162



167, 29, 117



177, 22, 67

Triad

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



167, 29, 117



86, 97, 0



0, 111, 163

Complementary

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



167, 29, 117



29, 167, 79

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, 112, 117



167, 29, 117



6, 106, 1

Square

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



167, 29, 117



130, 80, 0



0, 111, 64



0, 104, 190

Rectangle

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



167, 29, 117



170, 43, 34



0, 111, 64



0, 112, 149

Sweetspot

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



167, 29, 117



217, 163, 197



77, 29, 167



110, 77, 98



237, 237, 237



110, 110, 110

Same Dimension

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



167, 29, 117



217, 2, 139



167, 29, 50



84, 76, 81



148, 0, 94



20, 0, 13

Inverse Universe

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



167, 29, 117



217, 2, 139



29, 167, 146



84, 76, 81



148, 0, 94



20, 0, 13

Previews

White Background



This preview shows how the RGB color 167, 29, 117 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



This preview shows how the RGB color 167, 29, 117 looks on a 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 167, 29, 117 Background



This preview shows how black text looks on a background with the RGB color 167, 29, 117.



This preview shows how white text looks on a background with the RGB color 167, 29, 117.

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
167, 29, 117

Protanopia
61, 90, 160

Deuteranopia
92, 90, 110



Tritanopia
162, 52, 55

Trichromacy



Original Color

167, 29, 117

Protanomaly

100, 68, 144

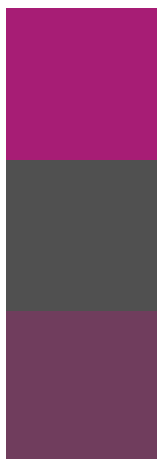
Deuteranomaly

119, 68, 113

Tritanomaly

164, 44, 78

Monochromacy



Original Color

167, 29, 117

Achromatopsia

80, 80, 80

Achromatomaly

112, 61, 93

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 29, 117 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(167, 29, 117)` looks like.

```
.text, #text, p{  
    color:rgb(167, 29, 117)  
}
```

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(167, 29, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 29, 117) }
```

Border

The CSS property to change the border of an element to RGB 167, 29, 117 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(167, 29, 117) }
```

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

```
.border{ border-color:rgb(167, 29, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 29, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 29, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 29, 117);  
box-shadow:4px 4px 4px 4px rgb(167, 29,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 167, 29, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 29, 117) }
```

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

```
.background{ background-color: rgb(167, 29,  
117) }
```

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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