

Converting Colors

RGB(160, 33, 118)

Have a look what the booklet for
RGB(160, 33, 118) contains.

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Color

RGB(160, 33, 118)

Conversions

Conversions Part 1

Format	Color
Hex	A02176
RGB	160, 33, 118
RGB Percent	63%, 13%, 46%
CMY	0.3725, 0.8706, 0.5373
CMYK	0.00, 0.79, 0.26, 0.37
HSL	320°, 66%, 38%
HSV	320°, 79%, 63%
XYZ	18.3111, 9.8693, 18.0794
YIQ	80.6630, 48.4070, 53.3590

Conversions

Conversions Part 2

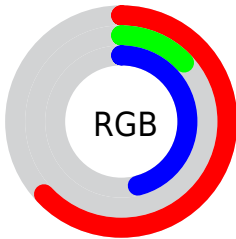
Format	Color
R_{YB}	160, 33, 118
Decimal	10494326
CIE _{Lab}	37.61, 57.71, -17.50
CIE _{LCh}	38, 60.308, 343.130
Yxy	9.8693, 0.3958, 0.2133
Android (android.graphics.Color)	4288684406 (0xFFA02176)
YUV	80.6630, 18.4071, 69.5785
Hunter-Lab	31.4154, 49.0650, -12.1302

Details

The RGB color **160, 33, 118** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **33, 160, 75**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **218, 92, 170**, and **104, 0, 69** is the 20% darker color. If you saturate the color by 10%, you get **160, 17, 113**, and if you desaturate by 10%, it is **160, 49, 123**.

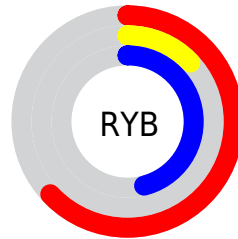
Distribution



Red (63%)

Green (13%)

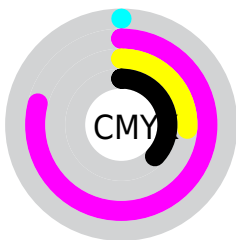
Blue (46%)



Red (63%)

Yellow (13%)

Blue (46%)

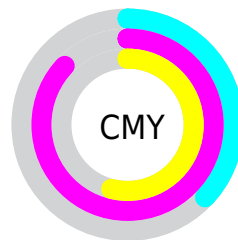


Cyan (0%)

Magenta (79%)

Yellow (26%)

Black (37%)



Cyan (37%)


Magenta (87%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 160, 33, 118 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 160, 33, 118 by changing the saturation by 10% instead.

 160, 33, 118

255, 255, 255

 218, 92, 170

 248, 120, 198

 255, 148, 226

 255, 176, 254

 255, 205, 255

 255, 234, 255


 160, 33, 118

 132, 0, 93

 104, 0, 69


 77, 0, 47

 52, 0, 26

 11, 0, 0

 0, 0, 0

 160, 33, 118

 160, 17, 113

 160, 33, 118

 160, 49, 123

■ 160, 1, 107

■ 160, 65, 129

■ 160, 0, 107

■ 160, 81, 134

■ 160, 97, 139

■ 160, 113, 144

■ 160, 129, 150

■ 160, 145, 155

■ 160, 161, 160

■ 160, 177, 166

Harmonies

Analogous

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



116, 64, 160



160, 33, 118



172, 23, 69

Triad

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



160, 33, 118



89, 93, 0



0, 108, 155

Complementary

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



160, 33, 118



33, 160, 75

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, 109, 109



160, 33, 118



24, 103, 0

Square

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



160, 33, 118



130, 76, 0



0, 108, 58



0, 102, 183

Rectangle

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



160, 33, 118



167, 41, 38



0, 108, 58



0, 109, 141

Sweetspot

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



160, 33, 118



209, 159, 193



73, 33, 160



105, 74, 95



232, 232, 232



105, 105, 105

Same Dimension

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



160, 33, 118



209, 10, 143



160, 33, 56



79, 71, 76



143, 0, 96



15, 0, 10

Inverse Universe

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



160, 33, 118



209, 10, 143



33, 160, 137



79, 71, 76



143, 0, 96



15, 0, 10

Previews

White Background



This preview shows how the RGB color 160, 33, 118 looks on a white background.

Color Contrast Check

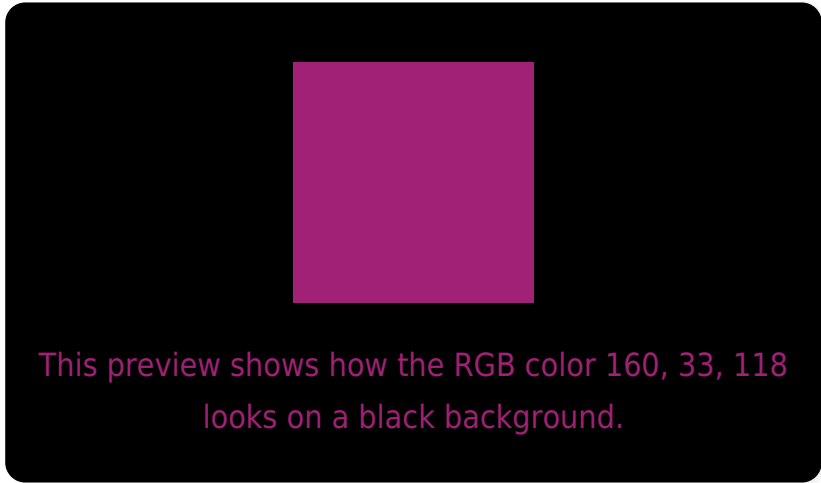
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

RGB 160, 33, 118 Background



This preview shows how black text looks on a background with the RGB color 160, 33, 118.



This preview shows how white text looks on a background with the RGB color 160, 33, 118.

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
160, 33, 118

Protanopia
57, 88, 159

Deuteranopia
88, 88, 111



Tritanopia

155, 54, 57

Trichromacy



Original Color

160, 33, 118

Protanomaly

94, 68, 144

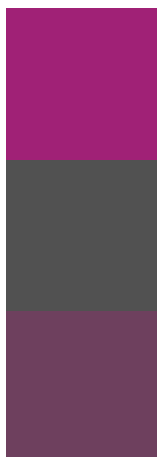
Deuteranomaly

114, 68, 114

Tritanomaly

157, 46, 79

Monochromacy



Original Color

160, 33, 118

Achromatopsia

81, 81, 81

Achromatomaly

110, 64, 94

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 33, 118 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(160, 33, 118)` looks like.

```
.text, #text, p{  
    color:rgb(160, 33, 118)  
}
```

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(160, 33, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 33, 118) }
```

Border

The CSS property to change the border of an element to RGB 160, 33, 118 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(160, 33, 118) }
```

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

```
.border{ border-color:rgb(160, 33, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 33, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 33, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 33, 118); box-shadow:4px 4px 4px 4px rgb(160, 33, 118) }
```

Background

The CSS property to change the background color of an element to RGB 160, 33, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 33, 118) }
```

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

```
.background{ background-color: rgb(160, 33,  
118) }
```

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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