

Converting Colors

RGB(158, 30, 136)

Have a look what the booklet for
RGB(158, 30, 136) contains.

RGB(158, 30, 136)	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(158, 30, 136)

Conversions

Conversions Part 1

Format	Color
Hex	9E1E88
RGB	158, 30, 136
RGB Percent	62%, 12%, 53%
CMY	0.3804, 0.8824, 0.4667
CMYK	0.00, 0.81, 0.14, 0.38
HSL	310°, 68%, 37%
HSV	310°, 81%, 62%
XYZ	19.0088, 9.9752, 24.2161
YIQ	80.3560, 42.2620, 60.1020

Conversions

Conversions Part 2

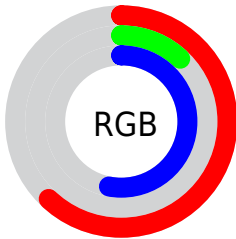
Format	Color
R _Y B	158, 30, 136
Decimal	10362504
CIE Lab	37.80, 60.51, -28.42
CIE LCh	38, 66.852, 334.842
Yxy	9.9752, 0.3573, 0.1875
Android (android.graphics.Color)	4288552584 (0xFF9E1E88)
YUV	80.3560, 27.4325, 68.0938
Hunter-Lab	31.5836, 52.1600, -23.3510

Details

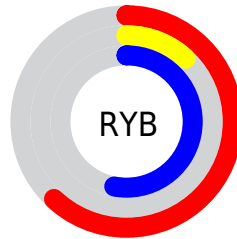
The RGB color **158, 30, 136** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **30, 158, 52**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **216, 91, 190**, and **102, 0, 86** is the 20% darker color. If you saturate the color by 10%, you get **158, 14, 133**, and if you desaturate by 10%, it is **158, 46, 139**.

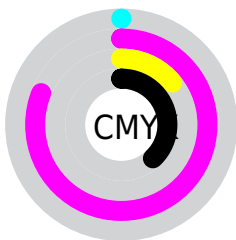
Distribution



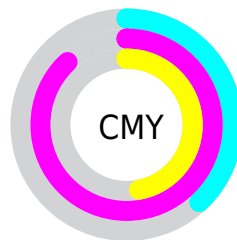
- Red (62%)
- Green (12%)
- Blue (53%)



- Red (62%)
- Yellow (12%)
- Blue (53%)



- Cyan (0%)
- Magenta (81%)
- Yellow (14%)
- Black (38%)




- Cyan (38%)
- Magenta (88%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RGB color 158, 30, 136 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 158, 30, 136 by changing the saturation by 10% instead.

 158, 30, 136

 158, 30, 136

255, 255, 255

 130, 0, 110

 216, 91, 190

 102, 0, 86

 246, 119, 218

 75, 0, 62

 255, 147, 246

 51, 0, 40

 255, 175, 255


 12, 0, 17


 255, 204, 255

 0, 0, 0

 255, 233, 255

 158, 30, 136

 158, 30, 136

 158, 14, 133

 158, 46, 139

■ 158, 0, 131

■ 158, 62, 141

■ 158, 77, 144

■ 158, 93, 147

■ 158, 109, 150

■ 158, 125, 152

■ 158, 141, 155

■ 158, 156, 158

■ 158, 172, 160

Harmonies

Analogous

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



95, 69, 179



158, 30, 136



180, 0, 83

Triad

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



158, 30, 136



102, 90, 0



0, 111, 150

Complementary

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



158, 30, 136



30, 158, 52

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, 111, 97



158, 30, 136



41, 102, 0

Square

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



158, 30, 136



144, 68, 0



0, 109, 39



0, 106, 188

Rectangle

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



158, 30, 136



178, 13, 48



0, 109, 39



0, 111, 133

Sweetspot

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



158, 30, 136



207, 157, 198



51, 30, 158



105, 74, 99



232, 232, 232



105, 105, 105

Same Dimension

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



158, 30, 136



207, 6, 172



158, 30, 73



79, 71, 78



143, 0, 118



15, 0, 13

Inverse Universe

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



158, 30, 136



207, 6, 172



30, 158, 115



79, 71, 78



143, 0, 118



15, 0, 13

Previews

White Background



This preview shows how the RGB color 158, 30, 136 looks on a white background.

Color Contrast Check

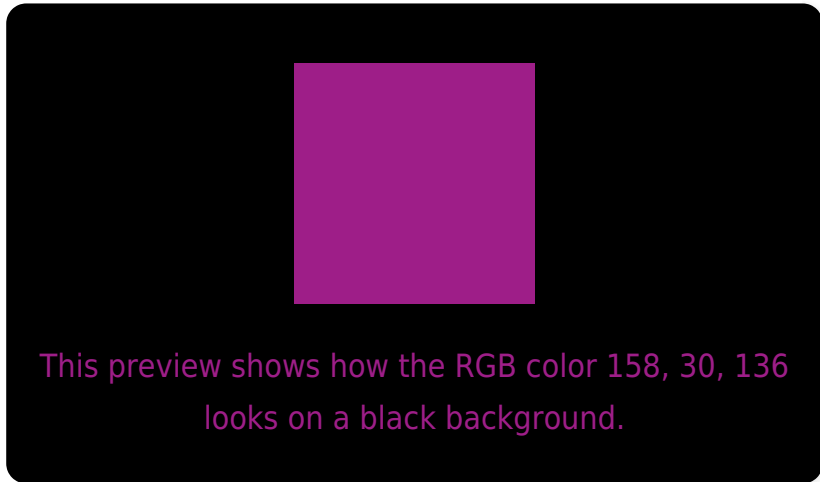
Large Text (above 18pt) WCAG AA ✓ Pass

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

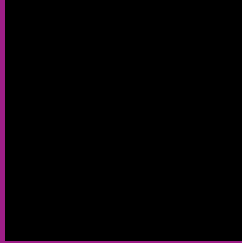
Any Text WCAG AA × Fail

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 158, 30, 136 Background



This preview shows how black text looks on a background with the RGB color 158, 30, 136.

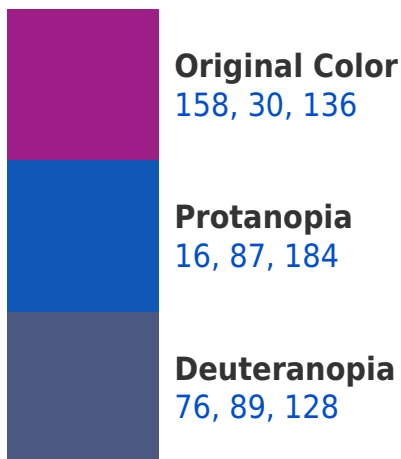


This preview shows how white text looks on a background with the RGB color 158, 30, 136.

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
151, 59, 63

Trichromacy



Original Color

158, 30, 136



Protanomaly

68, 66, 167



Deuteranomaly

106, 68, 131



Tritanomaly

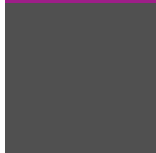
154, 48, 90

Monochromacy



Original Color

158, 30, 136



Achromatopsia

80, 80, 80



Achromatomaly

108, 62, 100

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 30, 136 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(158, 30, 136)` looks like.

```
.text, #text, p{  
    color:rgb(158, 30, 136)  
}
```

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(158, 30, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 30, 136) }
```

Border

The CSS property to change the border of an element to RGB 158, 30, 136 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(158, 30, 136) }
```

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

```
.border{ border-color:rgb(158, 30, 136) }
```

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

Here you see how a box with a 4 pixel rgb(158, 30, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 30, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 30, 136);  
box-shadow:4px 4px 4px 4px rgb(158, 30,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 158, 30, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 30, 136) }
```

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

```
.background{ background-color: rgb(158, 30,  
136) }
```

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