

Converting Colors

RGB(157, 56, 138)

Have a look what the booklet for
RGB(157, 56, 138) contains.

RGB(157, 56, 138)	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(157, 56, 138)

Conversions

Conversions Part 1

Format	Color
Hex	9D388A
RGB	157, 56, 138
RGB Percent	62%, 22%, 54%
CMY	0.3843, 0.7804, 0.4588
CMYK	0.00, 0.64, 0.12, 0.38
HSL	311°, 47%, 42%
HSV	311°, 64%, 62%
XYZ	19.9062, 11.8314, 25.2793
YIQ	95.5470, 33.8740, 46.9140

Conversions

Conversions Part 2

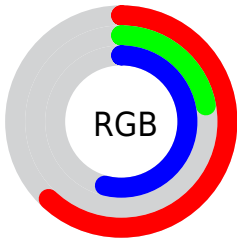
Format	Color
R_{YB}	157, 56, 138
Decimal	10303626
CIE _{Lab}	40.95, 51.47, -24.74
CIE _{LCh}	41, 57.105, 334.329
Yxy	11.8314, 0.3491, 0.2075
Android (android.graphics.Color)	4288493706 (0xFF9D388A)
YUV	95.5470, 20.9293, 53.8943
Hunter-Lab	34.3968, 43.1076, -19.4962

Details

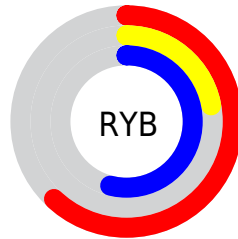
The RGB color **157, 56, 138** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **56, 157, 75**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **214, 110, 192**, and **102, 0, 88** is the 20% darker color. If you saturate the color by 10%, you get **157, 40, 135**, and if you desaturate by 10%, it is **157, 72, 141**.

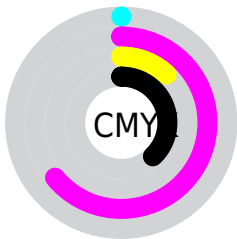
Distribution



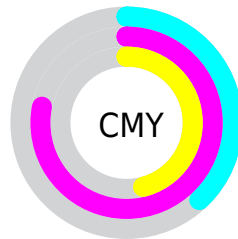
- Red (62%)
- Green (22%)
- Blue (54%)



- Red (62%)
- Yellow (22%)
- Blue (54%)



- Cyan (0%)
- Magenta (64%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (78%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 56, 138 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 157, 56, 138 by changing the saturation by 10% instead.

 157, 56, 138

 157, 56, 138

255, 255, 255

 129, 26, 112

 214, 110, 192

 102, 0, 88

 243, 137, 220

 76, 0, 64

 255, 164, 248

 53, 0, 42

 255, 193, 255

 19, 0, 20

 255, 221, 255

 0, 0, 0

 255, 250, 255

 157, 56, 138

 157, 56, 138

 157, 40, 135

 157, 72, 141

■ 157, 25, 132

■ 157, 87, 144

■ 157, 9, 129

■ 157, 103, 147

■ 157, 0, 127

■ 157, 119, 150

■ 157, 134, 153

■ 157, 150, 156

■ 157, 166, 159

■ 157, 182, 162

■ 157, 197, 165

Harmonies

Analogous

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



104, 81, 175



157, 56, 138



178, 42, 92

Triad

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



157, 56, 138



111, 97, 0



0, 117, 148

Complementary

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



157, 56, 138



56, 157, 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, 117, 102



157, 56, 138



62, 108, 0

Square

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



157, 56, 138



148, 78, 0



0, 115, 53



0, 112, 181

Rectangle

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



157, 56, 138



177, 49, 61



0, 115, 53



0, 117, 134

Sweetspot

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



157, 56, 138



204, 165, 197



75, 56, 157



102, 79, 98



230, 230, 230



102, 102, 102

Same Dimension

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



157, 56, 138



204, 47, 174



157, 56, 88



79, 71, 78



143, 0, 116



15, 0, 12

Inverse Universe

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



157, 56, 138



204, 47, 174



56, 157, 125



79, 71, 78



143, 0, 116



15, 0, 12

Previews

White Background



This preview shows how the RGB color 157, 56, 138 looks on a white background.

Color Contrast Check

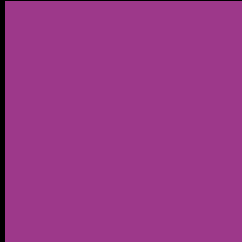
Large Text (above 18pt) WCAG AA ✓ Pass

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 157, 56, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

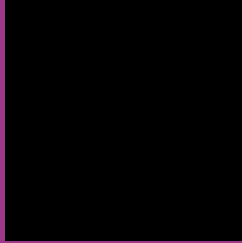
Any Text WCAG AA × Fail

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 157, 56, 138 Background



This preview shows how black text looks on a background with the RGB color 157, 56, 138.

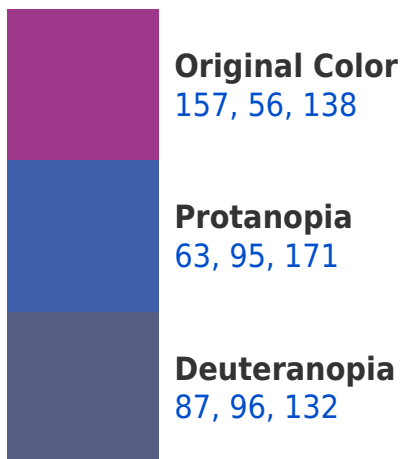


This preview shows how white text looks on a background with the RGB color 157, 56, 138.

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, 73, 78

Trichromacy



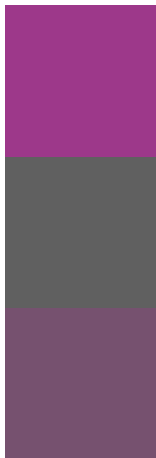
Original Color
157, 56, 138

Protanomaly
97, 81, 159

Deuteranomaly
112, 81, 134

Tritanomaly
153, 67, 100

Monochromacy



Original Color
157, 56, 138

Achromatopsia
96, 96, 96

Achromatomaly
118, 81, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 56, 138 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(157, 56, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 56, 138)  
}
```

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(157, 56, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 56, 138) }
```

Border

The CSS property to change the border of an element to RGB 157, 56, 138 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(157, 56, 138) }
```

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

```
.border{ border-color:rgb(157, 56, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 56, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 56, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 56, 138);  
box-shadow:4px 4px 4px 4px rgb(157, 56,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 157, 56, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 56, 138) }
```

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

```
.background{ background-color: rgb(157, 56,  
138) }
```

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