

Converting Colors

RGB(138, 69, 119)

Have a look what the booklet for
RGB(138, 69, 119) contains.

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Color

RGB(138, 69, 119)

Conversions

Conversions Part 1

Format	Color
Hex	8A4577
RGB	138, 69, 119
RGB Percent	54%, 27%, 47%
CMY	0.4588, 0.7294, 0.5333
CMYK	0.00, 0.50, 0.14, 0.46
HSL	317°, 33%, 41%
HSV	317°, 50%, 54%
XYZ	15.9391, 10.9914, 18.7342
YIQ	95.3310, 25.0740, 30.1780

Conversions

Conversions Part 2

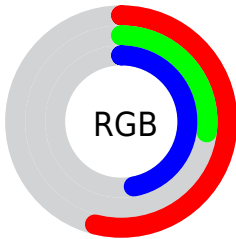
Format	Color
R_{YB}	138, 69, 119
Decimal	9061751
CIE _{Lab}	39.57, 36.22, -15.44
CIE _{LCh}	40, 39.370, 336.918
Yxy	10.9914, 0.3490, 0.2407
Android (android.graphics.Color)	4287251831 (0xFF8A4577)
YUV	95.3310, 11.6688, 37.4207
Hunter-Lab	33.1533, 27.7992, -10.2962

Details

The RGB color **138, 69, 119** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **69, 138, 88**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **193, 120, 171**, and **86, 19, 70** is the 20% darker color. If you saturate the color by 10%, you get **138, 55, 115**, and if you desaturate by 10%, it is **138, 83, 123**.

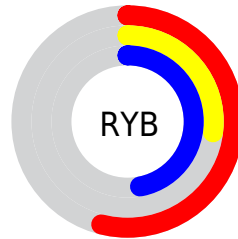
Distribution



Red (54%)

Green (27%)

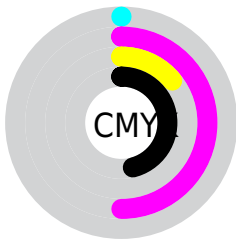
Blue (47%)



Red (54%)

Yellow (27%)

Blue (47%)

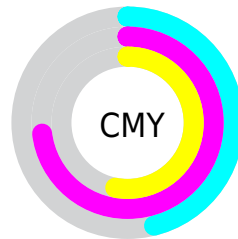


Cyan (0%)

Magenta (50%)

Yellow (14%)

Black (46%)



Cyan (46%)


Magenta (73%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 69, 119 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 138, 69, 119 by changing the saturation by 10% instead.

 138, 69, 119


 138, 69, 119

255, 255, 255


 112, 44, 94


 193, 120, 171

 86, 19, 70

 221, 146, 199

 61, 0, 48

 251, 173, 227

 41, 0, 28


 255, 201, 255

 0, 0, 0

 255, 229, 255

 138, 69, 119

 138, 69, 119

 138, 55, 115


 138, 83, 123

 138, 41, 111

 138, 97, 127


 138, 28, 108

 138, 110, 130


 138, 14, 104

 138, 124, 134

 138, 0, 100

 138, 138, 138

 138, 152, 142

 138, 166, 146

 138, 179, 149

 138, 193, 153

Harmonies

Analogous

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



105, 82, 145



138, 69, 119



152, 64, 87

Triad

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



138, 69, 119



104, 94, 24



0, 108, 131

Complementary

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



138, 69, 119



69, 138, 88

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, 100



138, 69, 119



70, 102, 39

Square

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



138, 69, 119



130, 82, 33



9, 107, 67



0, 103, 152

Rectangle

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



138, 69, 119



151, 67, 66



9, 107, 67



0, 109, 121

Sweetspot

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



138, 69, 119



179, 152, 171



87, 69, 138



89, 73, 85



217, 217, 217



89, 89, 89

Same Dimension

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



138, 69, 119



179, 71, 149



138, 69, 85



69, 62, 67



133, 0, 96



5, 0, 4

Inverse Universe

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



138, 69, 119



179, 71, 149



69, 138, 122



69, 62, 67



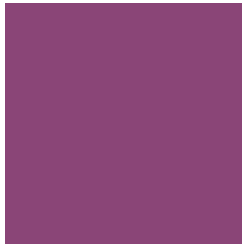
133, 0, 96



5, 0, 4

Previews

White Background



This preview shows how the RGB color 138, 69, 119 looks on a white background.

Color Contrast Check

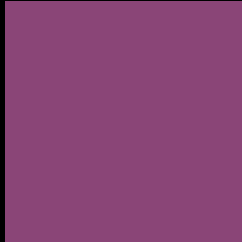
Large Text (above 18pt) WCAG AA ✓ Pass

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 138, 69, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

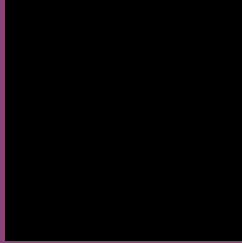
Any Text WCAG AA × Fail

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 138, 69, 119 Background



This preview shows how black text looks on a background with the RGB color 138, 69, 119.



This preview shows how white text looks on a background with the RGB color 138, 69, 119.

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
138, 69, 119

Protanopia
79, 92, 137

Deuteranopia
92, 92, 115



Tritanopia
134, 77, 83

Trichromacy



Original Color

138, 69, 119

Protanomaly

100, 84, 130

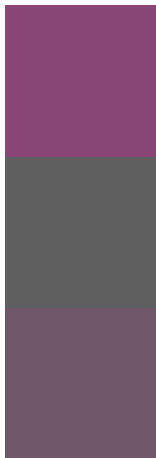
Deuteranomaly

109, 84, 116

Tritanomaly

135, 74, 96

Monochromacy



Original Color

138, 69, 119

Achromatopsia

95, 95, 95

Achromatomaly

111, 86, 104

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 69, 119 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(138, 69, 119)` looks like.

```
.text, #text, p{  
    color:rgb(138, 69, 119)  
}
```

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(138, 69, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 69, 119) }
```

Border

The CSS property to change the border of an element to RGB 138, 69, 119 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(138, 69, 119) }
```

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

```
.border{ border-color:rgb(138, 69, 119) }
```

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

Here you see how a box with a 4 pixel rgb(138, 69, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 69, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 69, 119);  
box-shadow:4px 4px 4px 4px rgb(138, 69,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 138, 69, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 69, 119) }
```

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

```
.background{ background-color: rgb(138, 69,  
119) }
```

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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