

Converting Colors

RGB(137, 122, 184)

Have a look what the booklet for
RGB(137, 122, 184) contains.

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Color

RGB(137, 122, 184)

Conversions

Conversions Part 1

Format	Color
Hex	897AB8
RGB	137, 122, 184
RGB Percent	54%, 48%, 72%
CMY	0.4627, 0.5216, 0.2784
CMYK	0.26, 0.34, 0.00, 0.28
HSL	255°, 30%, 60%
HSV	255°, 34%, 72%
XYZ	25.9278, 22.6981, 48.3620
YIQ	133.5530, -10.9620, 22.4620

Conversions

Conversions Part 2

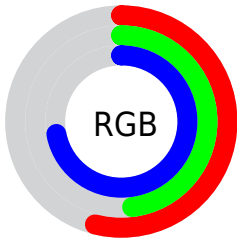
Format	Color
R_{YB}	137, 122, 184
Decimal	9009848
CIE _{Lab}	54.76, 19.27, -30.60
CIE _{LCh}	55, 36.161, 302.209
Yxy	22.6981, 0.2673, 0.2340
Android (android.graphics.Color)	4287199928 (0xFF897AB8)
YUV	133.5530, 24.8704, 3.0230
Hunter-Lab	47.6425, 13.7679, -26.8356

Details

The RGB color `137, 122, 184` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `169, 184, 122`, and the grayscale version is `133, 133, 133`.

A 20% lighter version of the original color is `191, 174, 240`, and `85, 73, 131` is the 20% darker color. If you saturate the color by 10%, you get `123, 104, 184`, and if you desaturate by 10%, it is `151, 140, 184`.

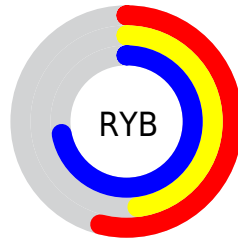
Distribution



Red (54%)

Green (48%)

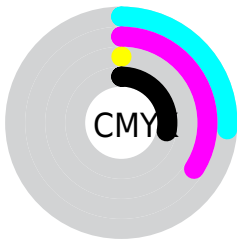
Blue (72%)



Red (54%)

Yellow (48%)

Blue (72%)

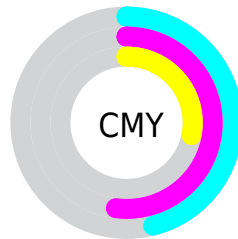


Cyan (26%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (46%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 122, 184 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 137, 122, 184 by changing the saturation by 10% instead.

■ 137, 122, 184

255, 255, 255

■ 191, 174, 240

■ 220, 202, 255

■ 249, 230, 255

■ 137, 122, 184

■ 111, 97, 157

■ 85, 73, 131

■ 61, 51, 105

■ 36, 29, 81

■ 12, 7, 57

■ 0, 2, 35


■ 0, 0, 11

■ 0, 0, 0

■ 137, 122, 184

■ 137, 122, 184

 123, 104, 184

 151, 140, 184

 109, 85, 184

 165, 159, 184

 95, 67, 184

 179, 177, 184

 81, 48, 184

 193, 196, 184

 67, 30, 184

 207, 214, 184

 53, 12, 184

 221, 232, 184

 45, 0, 184

 235, 251, 184

 249, 255, 184

 255, 255, 184

Harmonies

Analogous

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



85, 133, 193



137, 122, 184



172, 111, 161

Triad

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



137, 122, 184



174, 119, 76



8, 147, 132

Complementary

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



137, 122, 184



169, 184, 122

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.



77, 145, 101



137, 122, 184



148, 130, 67

Square

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



137, 122, 184



189, 109, 99



116, 139, 77



0, 146, 163

Rectangle

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



137, 122, 184



185, 107, 141



116, 139, 77



42, 147, 122

Sweetspot

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



137, 122, 184



222, 216, 240



122, 170, 184



109, 105, 120



247, 247, 247



120, 120, 120

Same Dimension

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



137, 122, 184



167, 144, 240



167, 122, 184



85, 83, 92



38, 0, 156



7, 0, 28

Inverse Universe

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



184, 122, 169



240, 144, 217



139, 184, 122



92, 83, 90



156, 0, 118



28, 0, 21

Previews

White Background



This preview shows how the RGB color 137, 122, 184 looks on a white 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

Black Background



This preview shows how the RGB color 137, 122, 184 looks on a black 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

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

RGB 137, 122, 184 Background



This preview shows how black text looks on a background with the RGB color 137, 122, 184.



This preview shows how white text looks on a background with the RGB color 137, 122, 184.

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
137, 122, 184

Protanopia
111, 129, 190

Deuteranopia
114, 130, 182



Tritanopia
129, 131, 141

Trichromacy



Original Color

137, 122, 184

Protanomaly

120, 126, 188

Deuteranomaly

122, 127, 183

Tritanomaly

132, 128, 157

Monochromacy



Original Color

137, 122, 184

Achromatopsia

134, 134, 134

Achromatomaly

135, 130, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 122, 184 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(137, 122, 184)` looks like.

```
.text, #text, p{  
    color:rgb(137, 122, 184)  
}
```

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(137, 122, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 122, 184) }
```

Border

The CSS property to change the border of an element to RGB 137, 122, 184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

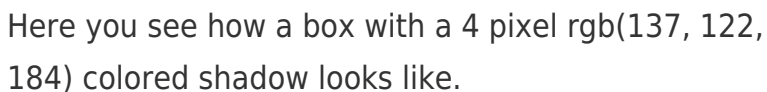
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 122, 184) }
```

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

```
.border{ border-color:rgb(137, 122, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 122, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 122, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 122, 184);  
box-shadow:4px 4px 4px 4px rgb(137, 122,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 137, 122, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 122, 184) }
```

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

```
.background{ background-color: rgb(137,  
122, 184) }
```

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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