

Converting Colors

RGB(142, 134, 172)

Have a look what the booklet for
RGB(142, 134, 172) contains.

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Color

RGB(142, 134, 172)

Conversions

Conversions Part 1

Format	Color
Hex	8E86AC
RGB	142, 134, 172
RGB Percent	56%, 53%, 67%
CMY	0.4431, 0.4745, 0.3255
CMYK	0.17, 0.22, 0.00, 0.33
HSL	253°, 19%, 60%
HSV	253°, 22%, 67%
XYZ	27.1268, 25.7795, 42.5759
YIQ	140.7240, -7.4300, 13.5140

Conversions

Conversions Part 2

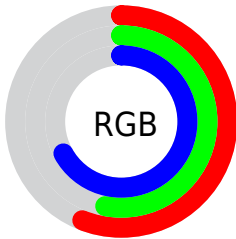
Format	Color
R_{YB}	142, 134, 172
Decimal	9340588
CIE _{Lab}	57.83, 10.98, -18.96
CIE _{LCh}	58, 21.911, 300.066
Yxy	25.7795, 0.2841, 0.2700
Android (android.graphics.Color)	4287530668 (0xFF8E86AC)
YUV	140.7240, 15.4191, 1.1191
Hunter-Lab	50.7736, 6.5136, -14.1759

Details

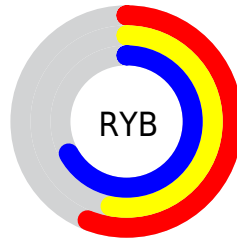
The RGB color `142, 134, 172` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `164, 172, 134`, and the grayscale version is `141, 141, 141`.

A 20% lighter version of the original color is `196, 187, 227`, and `91, 84, 120` is the 20% darker color. If you saturate the color by 10%, you get `128, 117, 172`, and if you desaturate by 10%, it is `156, 151, 172`.

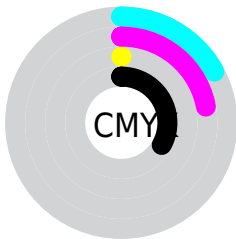
Distribution



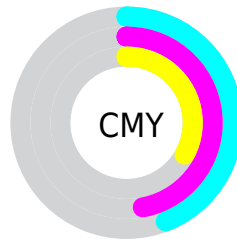
- Red (56%)
- Green (53%)
- Blue (67%)



- Red (56%)
- Yellow (53%)
- Blue (67%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (44%)
- Magenta (47%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RGB color 142, 134, 172 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 142, 134, 172 by changing the saturation by 10% instead.


 142, 134, 172


255, 255, 255


 196, 187, 227

 224, 215, 255

 253, 243, 255

 142, 134, 172

 116, 109, 145

 91, 84, 120

 67, 61, 95

 44, 39, 71


 22, 19, 48


 0, 0, 28

 0, 0, 0

 142, 134, 172


 128, 117, 172

 142, 134, 172

 156, 151, 172

 115, 100, 172

 169, 168, 172

 101, 82, 172

 183, 186, 172

 88, 65, 172

 196, 203, 172

 74, 48, 172

 210, 220, 172

 61, 31, 172

 223, 237, 172

 47, 14, 172

 237, 254, 172

 36, 0, 172

 251, 255, 172

 255, 255, 172

Harmonies

Analogous

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



115, 141, 177



142, 134, 172



164, 128, 158

Triad

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



142, 134, 172



169, 131, 106



91, 150, 138

Complementary

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



142, 134, 172



164, 172, 134

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.



110, 148, 119



142, 134, 172



153, 138, 101

Square

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



142, 134, 172



177, 126, 121



132, 144, 105



82, 149, 157

Rectangle

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



142, 134, 172



173, 126, 146



132, 144, 105



97, 149, 132

Sweetspot

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



142, 134, 172



212, 209, 224



134, 164, 172



105, 103, 112



240, 240, 240



112, 112, 112

Same Dimension

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



142, 134, 172



177, 164, 224



161, 134, 172



80, 78, 87



32, 0, 150



5, 0, 23

Inverse Universe

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



172, 134, 164



224, 164, 212



145, 172, 134



87, 78, 85



150, 0, 119



23, 0, 18

Previews

White Background



This preview shows how the RGB color 142, 134, 172 looks on a white background.

Color Contrast Check

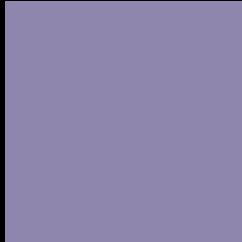
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 134, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

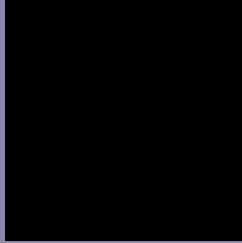
Any Text WCAG AA ✓ Pass

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 142, 134, 172 Background



This preview shows how black text looks on a background with the RGB color 142, 134, 172.



This preview shows how white text looks on a background with the RGB color 142, 134, 172.

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
142, 134, 172

Protanopia
130, 137, 174

Deuteranopia
136, 136, 172



Tritanopia
138, 138, 149

Trichromacy



Original Color

142, 134, 172

Protanomaly

134, 136, 173

Deuteranomaly

138, 135, 172

Tritanomaly

139, 137, 157

Monochromacy



Original Color

142, 134, 172

Achromatopsia

141, 141, 141

Achromatomaly

141, 138, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 134, 172 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(142, 134, 172)` looks like.

```
.text, #text, p{  
    color:rgb(142, 134, 172)  
}
```

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(142, 134, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 134, 172) }
```

Border

The CSS property to change the border of an element to RGB 142, 134, 172 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(142, 134, 172) }
```

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

```
.border{ border-color:rgb(142, 134, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 134, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 134, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 134, 172);  
box-shadow:4px 4px 4px 4px rgb(142, 134,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 142, 134, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 134, 172) }
```

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

```
.background{ background-color: rgb(142,  
134, 172) }
```

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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