

Converting Colors

RGB(135, 112, 154)

Have a look what the booklet for
RGB(135, 112, 154) contains.

RGB(135, 112, 154)	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(135, 112, 154)

Conversions

Conversions Part 1

Format	Color
Hex	87709A
RGB	135, 112, 154
RGB Percent	53%, 44%, 60%
CMY	0.4706, 0.5608, 0.3961
CMYK	0.12, 0.27, 0.00, 0.40
HSL	273°, 17%, 52%
HSV	273°, 27%, 60%
XYZ	21.6186, 19.0723, 33.1138
YIQ	123.6650, 0.2260, 17.9380

Conversions

Conversions Part 2

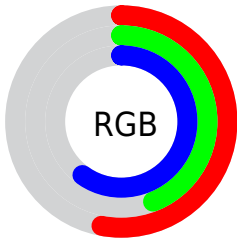
Format	Color
R_{YB}	135, 112, 154
Decimal	8876186
CIE _{Lab}	50.77, 17.40, -19.37
CIE _{LCh}	51, 26.041, 311.931
Yxy	19.0723, 0.2929, 0.2584
Android (android.graphics.Color)	4287066266 (0xFF87709A)
YUV	123.6650, 14.9552, 9.9408
Hunter-Lab	43.6719, 11.9358, -14.3857

Details

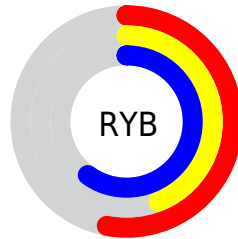
The RGB color **135, 112, 154** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **131, 154, 112**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **189, 164, 208**, and **85, 64, 103** is the 20% darker color. If you saturate the color by 10%, you get **128, 97, 154**, and if you desaturate by 10%, it is **142, 127, 154**.

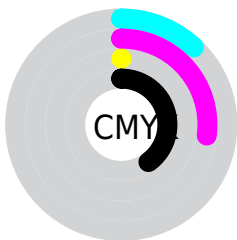
Distribution



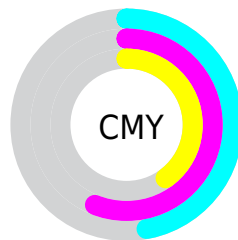
- Red (53%)
- Green (44%)
- Blue (60%)



- Red (53%)
- Yellow (44%)
- Blue (60%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 112, 154 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 135, 112, 154 by changing the saturation by 10% instead.

 135, 112, 154

255, 255, 255

 189, 164, 208

 217, 191, 237


 245, 219, 255

 255, 247, 255


 135, 112, 154

 109, 87, 128

 85, 64, 103

 61, 42, 79

 38, 21, 56

 21, 0, 34

 0, 0, 8


 0, 0, 0

 135, 112, 154


 128, 97, 154

 135, 112, 154

 142, 127, 154

 121, 81, 154


 149, 143, 154


 114, 66, 154

 156, 158, 154

 107, 50, 154

 163, 174, 154

 100, 35, 154

 170, 189, 154

 93, 20, 154

 177, 204, 154

 86, 4, 154

 184, 220, 154

 84, 0, 154

 191, 235, 154

 198, 251, 154

Harmonies

Analogous

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



104, 120, 164



135, 112, 154



156, 106, 135

Triad

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



135, 112, 154



148, 115, 79



51, 133, 129

Complementary

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



135, 112, 154



131, 154, 112

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.



76, 132, 106



135, 112, 154



127, 122, 77

Square

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



135, 112, 154



161, 108, 92



103, 128, 87



44, 131, 150

Rectangle

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



135, 112, 154



163, 104, 120



103, 128, 87



58, 133, 122

Sweetspot

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



135, 112, 154



194, 185, 201



112, 132, 154



97, 92, 102



230, 230, 230



102, 102, 102

Same Dimension

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



135, 112, 154



171, 135, 201



154, 112, 153



73, 69, 77



77, 0, 140



7, 0, 13

Inverse Universe

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



154, 112, 131



201, 135, 165



112, 154, 113



77, 69, 72



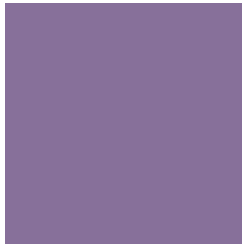
140, 0, 63



13, 0, 6

Previews

White Background



This preview shows how the RGB color 135, 112, 154 looks on a white background.

Color Contrast Check

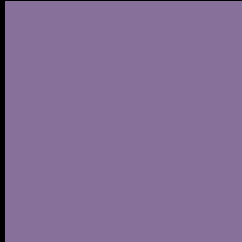
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 112, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

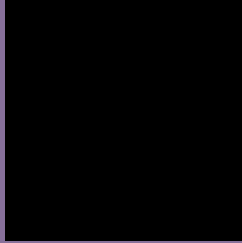
Any Text WCAG AA ✓ Pass

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 135, 112, 154 Background



This preview shows how black text looks on a background with the RGB color 135, 112, 154.



This preview shows how white text looks on a background with the RGB color 135, 112, 154.

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
135, 112, 154

Protanopia
110, 120, 160

Deuteranopia
116, 119, 153



Tritanopia
131, 117, 126

Trichromacy



Original Color
135, 112, 154

Protanomaly
119, 117, 158

Deuteranomaly
123, 116, 153

Tritanomaly
132, 115, 136

Monochromacy



Original Color
135, 112, 154

Achromatopsia
124, 124, 124

Achromatomaly
128, 120, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 112, 154 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(135, 112, 154) looks like.

```
.text, #text, p{  
    color:rgb(135, 112, 154)  
}
```

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(135, 112, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 112, 154) }
```

Border

The CSS property to change the border of an element to RGB 135, 112, 154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

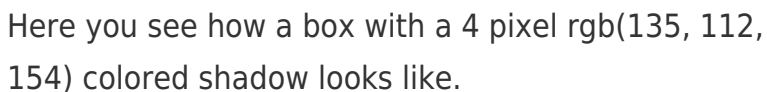
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 112, 154) }
```

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

```
.border{ border-color:rgb(135, 112, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 112, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 112, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 112, 154);  
box-shadow:4px 4px 4px 4px rgb(135, 112,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 135, 112, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 112, 154) }
```

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

```
.background{ background-color: rgb(135,  
112, 154) }
```

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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