

Converting Colors

`RYB(135, 92, 125)`

Have a look what the booklet for
RYB(135, 92, 125) contains.

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Color

`RYB(135, 92, 125)`

Conversions

Conversions Part 1

Format	Color
Hex	875C7D
RGB	135, 92, 125
RGB Percent	53%, 36%, 49%
CMY	0.4706, 0.6392, 0.5098
CMYK	0.00, 0.32, 0.07, 0.47
HSL	314°, 19%, 45%
HSV	314°, 32%, 53%
XYZ	17.5205, 14.2859, 21.2361
YIQ	108.6190, 15.0350, 19.3790

Conversions

Conversions Part 2

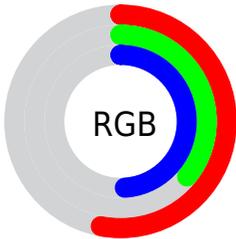
Format	Color
R_{YB}	135, 92, 125
Decimal	8871037
CIE _{Lab}	44.64, 23.18, -11.43
CIE _{LCh}	45, 25.846, 333.746
Yxy	14.2859, 0.3303, 0.2693
Android (android.graphics.Color)	4287061117 (0xFF875C7D)
YUV	108.6190, 8.0758, 23.1361
Hunter-Lab	37.7966, 16.5989, -6.8545

Details

The RYB color **135, 92, 125** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **92, 127, 135**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **189, 143, 178**, and **84, 45, 76** is the 20% darker color. If you saturate the color by 10%, you get **135, 79, 122**, and if you desaturate by 10%, it is **135, 106, 128**.

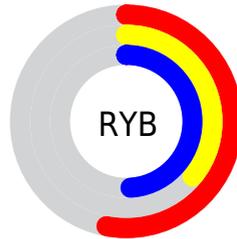
Distribution



Red (53%)

Green (36%)

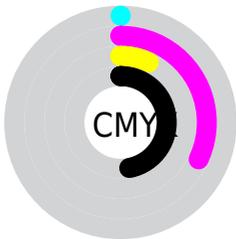
Blue (49%)



Red (53%)

Yellow (36%)

Blue (49%)

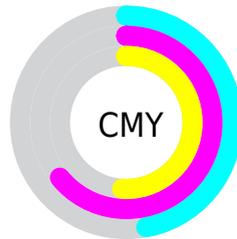


Cyan (0%)

Magenta (32%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 92, 125 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 RYB color 135, 92, 125 by changing the saturation by 10% instead.



135, 92, 125



135, 92, 125

255, 255, 255



109, 68, 100



189, 143, 178



84, 45, 76



217, 169, 205



60, 23, 53



246, 197, 233



38, 0, 32



255, 225, 255



0, 0, 5

255, 254, 255



0, 0, 0



135, 92, 125



135, 92, 125



135, 79, 122



135, 106, 128



135, 65, 119



135, 119, 131

■ 135, 51, 116

■ 135, 132, 134

■ 135, 38, 112

■ 135, 144, 146

■ 135, 25, 109

■ 135, 155, 160

■ 135, 11, 106

■ 135, 166, 173

■ 135, 0, 104

■ 135, 177, 187

■ 135, 188, 200

■ 135, 199, 214

Harmonies

Analogous

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



112, 99, 141



135, 92, 125



147, 89, 104

Triad

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



135, 92, 125



77, 117, 62



19, 71, 129

Complementary

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



135, 92, 125



92, 127, 135

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.



40, 81, 117



135, 92, 125



69, 111, 86

Square

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



135, 92, 125



135, 122, 68



68, 102, 115



43, 84, 144

Rectangle

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



135, 92, 125



148, 90, 89



68, 102, 115



23, 71, 122

Sweetspot

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



135, 92, 125



176, 158, 172



101, 92, 135



89, 79, 87



217, 217, 217



89, 89, 89

Same Dimension

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



135, 92, 125



176, 109, 160



135, 92, 104



66, 60, 65



130, 0, 100



3, 0, 2

Inverse Universe

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



135, 92, 125



176, 109, 160



92, 117, 135



66, 60, 65



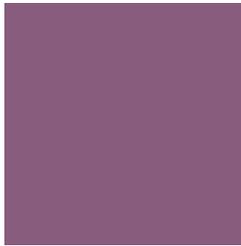
130, 0, 100



3, 0, 2

Previews

White Background



This preview shows how the RYB color 135, 92, 125 looks on a white background.

Color Contrast Check

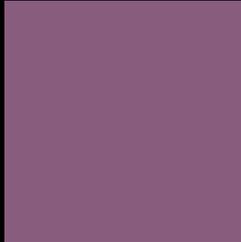
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 135, 92, 125 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](#).

RYP 135, 92, 125 Background



This preview shows how black text looks on a background with the RYP color 135, 92, 125.



This preview shows how white text looks on a background with the RYP color 135, 92, 125.

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, 92, 125

Protanopia

99, 104, 134

Deuteranopia

108, 103, 123



Tritanopia
132, 96, 103

Trichromacy



Original Color
135, 92, 125

Protanomaly
112, 100, 131

Deuteranomaly
118, 99, 124

Tritanomaly
133, 95, 111

Monochromacy



Original Color
135, 92, 125

Achromatopsia
109, 109, 109

Achromatomaly
118, 103, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 92, 125 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, 92, 125) looks like.

```
.text, #text, p{  
    color:rgb(135, 92, 125)  
}
```

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, 92, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 92, 125) }
```

Border

The CSS property to change the border of an element to RYB 135, 92, 125 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, 92, 125) }
```

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

```
.border{ border-color:rgb(135, 92, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 92, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 92, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 92, 125);  
box-shadow:4px 4px 4px 4px rgb(135, 92,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 135, 92, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 92, 125) }
```

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

```
.background{ background-color: rgb(135, 92,  
125) }
```

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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