

Converting Colors

`RYB(129, 92, 125)`

Have a look what the booklet for
RYB(129, 92, 125) contains.

RYB(129, 92, 125)	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

R_YB(129, 92, 125)

Conversions

Conversions Part 1

Format	Color
Hex	815C7D
RGB	129, 92, 125
RGB Percent	51%, 36%, 49%
CMY	0.4941, 0.6392, 0.5098
CMYK	0.00, 0.29, 0.03, 0.49
HSL	306°, 17%, 43%
HSV	306°, 29%, 51%
XYZ	16.5821, 13.8021, 21.1921
YIQ	106.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

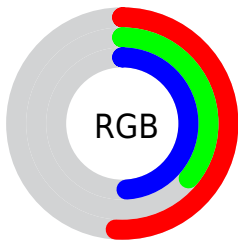
Format	Color
R_{YB}	129, 92, 125
Decimal	8477821
CIE _{Lab}	43.95, 20.99, -12.55
CIE _{LCh}	44, 24.454, 329.131
Yxy	13.8021, 0.3215, 0.2676
Android (android.graphics.Color)	4286667901 (0xFF815C7D)
YUV	106.8250, 8.9603, 19.4475
Hunter-Lab	37.1512, 14.6573, -7.8150

Details

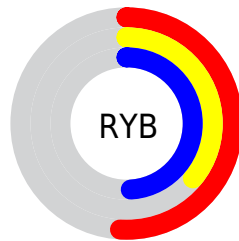
The RYB color **129, 92, 125** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **92, 125, 129**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **182, 143, 178**, and **79, 45, 76** is the 20% darker color. If you saturate the color by 10%, you get **129, 79, 124**, and if you desaturate by 10%, it is **129, 105, 126**.

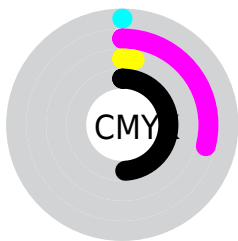
Distribution



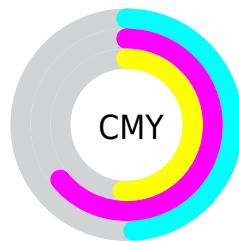
- Red (51%)
- Green (36%)
- Blue (49%)



- Red (51%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (3%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 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 129, 92, 125 by changing the saturation by 10% instead.



129, 92, 125



129, 92, 125

255, 255, 255



104, 68, 100



182, 143, 178



79, 45, 76



210, 169, 205



56, 24, 53



239, 197, 233



35, 0, 32



255, 225, 255



0, 0, 5



255, 253, 255



0, 0, 0



129, 92, 125



129, 92, 125



129, 79, 124



129, 105, 126



129, 66, 122



129, 118, 128

■ 129, 53, 121

■ 129, 131, 131

■ 129, 40, 119

■ 129, 142, 144

■ 129, 28, 118

■ 129, 153, 156

■ 129, 15, 117

■ 129, 165, 169

■ 129, 2, 115

■ 129, 177, 182

■ 129, 0, 115

■ 129, 189, 195

■ 129, 200, 208

Harmonies

Analogous

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



106, 99, 139



129, 92, 125



142, 88, 105

Triad

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



129, 92, 125



86, 118, 63



29, 74, 123

Complementary

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



129, 92, 125



92, 125, 129

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.



48, 85, 115



129, 92, 125



68, 109, 80

Square

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



129, 92, 125



134, 111, 70



73, 106, 113



42, 82, 138

Rectangle

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



129, 92, 125



144, 89, 92



73, 106, 113



33, 74, 116

Sweetspot

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



129, 92, 125



168, 153, 167



96, 92, 129



84, 75, 83



212, 212, 212



84, 84, 84

Same Dimension

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



129, 92, 125



168, 111, 162



129, 92, 107



64, 57, 63



128, 0, 114



0, 0, 0

Inverse Universe

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



129, 92, 125



168, 111, 162



92, 115, 129



64, 57, 63



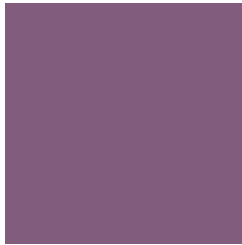
128, 0, 114



0, 0, 0

Previews

White Background



This preview shows how the RYB color 129, 92, 125 looks on a white background.

Color Contrast Check

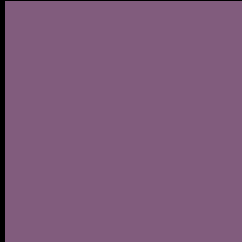
Large Text (above 18pt) WCAG AA ✓ Pass

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 129, 92, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

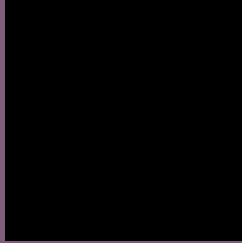
Any Text WCAG AA × Fail

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](#).

R Y B 129, 92, 125 Background



This preview shows how black text looks on a background with the R Y B color 129, 92, 125.



This preview shows how white text looks on a background with the R Y B color 129, 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
129, 92, 125

Protanopia
97, 102, 133

Deuteranopia
105, 102, 123



Tritanopia
126, 96, 103

Trichromacy



Original Color

129, 92, 125

Protanomaly

109, 99, 130

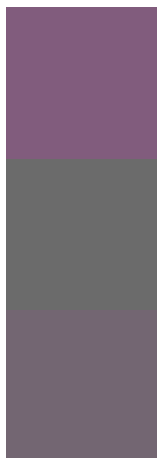
Deuteranomaly

114, 98, 124

Tritanomaly

127, 95, 111

Monochromacy



Original Color

129, 92, 125

Achromatopsia

107, 107, 107

Achromatomaly

115, 102, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 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(129, 92, 125)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 92, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 92, 125) }
```

Border

The CSS property to change the border of an element to RYB 129, 92, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

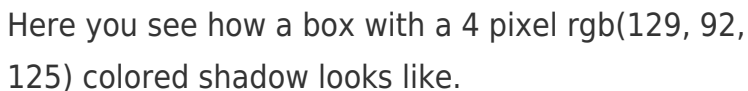
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 92, 125) }
```

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

```
.border{ border-color:rgb(129, 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(129, 92, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 92, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 92, 125); box-shadow:4px 4px 4px 4px rgb(129, 92, 125) }
```

Background

The CSS property to change the background color of an element to RGB 129, 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(129, 92, 125) }
```

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

```
.background{ background-color: rgb(129, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor