

Converting Colors

`RYB(145, 97, 129)`

Have a look what the booklet for
RYB(145, 97, 129) contains.

RYB(145, 97, 129)	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(145, 97, 129)

Conversions

Conversions Part 1

Format	Color
Hex	916181
RGB	145, 97, 129
RGB Percent	57%, 38%, 51%
CMY	0.4314, 0.6196, 0.4941
CMYK	0.00, 0.33, 0.11, 0.43
HSL	320°, 20%, 47%
HSV	320°, 33%, 57%
XYZ	19.9142, 16.1541, 22.8373
YIQ	115.0000, 18.3360, 20.1280

Conversions

Conversions Part 2

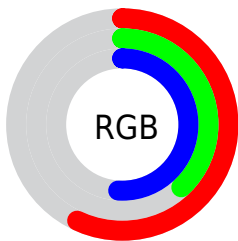
Format	Color
R_{YB}	145, 97, 129
Decimal	9527681
CIE Lab	47.18, 24.66, -9.91
CIE LCh	47, 26.574, 338.114
Yxy	16.1541, 0.3381, 0.2742
Android (android.graphics.Color)	4287717761 (0xFF916181)
YUV	115.0000, 6.9020, 26.3100
Hunter-Lab	40.1922, 18.1059, -5.5543

Details

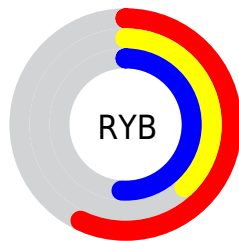
The RYB color **145, 97, 129** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **97, 133, 145**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **200, 148, 182**, and **94, 49, 80** is the 20% darker color. If you saturate the color by 10%, you get **145, 82, 124**, and if you desaturate by 10%, it is **145, 112, 134**.

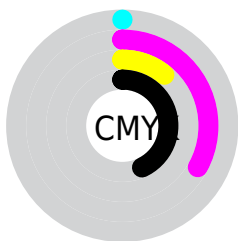
Distribution



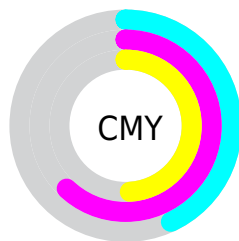
- Red (57%)
- Green (38%)
- Blue (51%)



- Red (57%)
- Yellow (38%)
- Blue (51%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (43%)



- Cyan (43%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 97, 129 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 145, 97, 129 by changing the saturation by 10% instead.



145, 97, 129



145, 97, 129

255, 255, 255



119, 73, 104



200, 148, 182



94, 49, 80



228, 175, 209



69, 27, 57



255, 203, 238



46, 5, 35



255, 231, 255



22, 0, 13



0, 0, 0



145, 97, 129



145, 97, 129



145, 82, 124



145, 112, 134



145, 68, 119



145, 126, 139

■ 145, 53, 115

■ 145, 140, 144

■ 145, 39, 110

■ 145, 153, 155

■ 145, 25, 105

■ 145, 164, 170

■ 145, 10, 100

■ 145, 174, 184

■ 145, 0, 97

■ 145, 185, 198

■ 145, 196, 213

■ 145, 208, 228

Harmonies

Analogous

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



122, 104, 147



145, 97, 129



155, 95, 107

Triad

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



145, 97, 129



78, 121, 67



25, 78, 139

Complementary

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



145, 97, 129



97, 133, 145

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, 84, 124



145, 97, 129



76, 119, 98

Square

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



145, 97, 129



141, 137, 71



69, 106, 123



53, 93, 153

Rectangle

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



145, 97, 129



155, 96, 92



69, 106, 123



25, 76, 132

Sweetspot

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



145, 97, 129



189, 170, 182



113, 97, 145



94, 83, 91



222, 222, 222



94, 94, 94

Same Dimension

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



145, 97, 129



189, 113, 164



145, 97, 105



71, 64, 69



135, 0, 90



8, 0, 5

Inverse Universe

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



145, 97, 129



189, 113, 164



97, 123, 145



71, 64, 69



135, 0, 90



8, 0, 5

Previews

White Background



This preview shows how the RYB color 145, 97, 129 looks on a white background.

Color Contrast Check

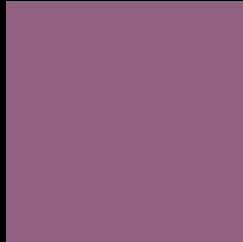
Large Text (above 18pt) WCAG AA ✓ Pass

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 145, 97, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

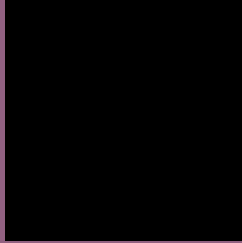
Any Text WCAG AA × Fail

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](#).

RYB 145, 97, 129 Background



This preview shows how black text looks on a background with the RYB color 145, 97, 129.



This preview shows how white text looks on a background with the RYB color 145, 97, 129.

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

145, 97, 129

Protanopia

106, 110, 139

Deuteranopia

116, 109, 127



Tritanopia
143, 101, 108

Trichromacy



Original Color
145, 97, 129

Protanomaly
120, 106, 135

Deuteranomaly
127, 105, 128

Tritanomaly
144, 100, 116

Monochromacy



Original Color
145, 97, 129

Achromatopsia
115, 115, 115

Achromatomaly
126, 108, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 97, 129 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(145, 97, 129)` looks like.

```
.text, #text, p{  
    color:rgb(145, 97, 129)  
}
```

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(145, 97, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 97, 129) }
```

Border

The CSS property to change the border of an element to RYB 145, 97, 129 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(145, 97, 129) }
```

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

```
.border{ border-color:rgb(145, 97, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 97, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 97, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 97, 129);  
box-shadow:4px 4px 4px 4px rgb(145, 97,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 145, 97, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 97, 129) }
```

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

```
.background{ background-color: rgb(145, 97,  
129) }
```

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