

Converting Colors

`RYB(245, 142, 129)`

Have a look what the booklet for
RYB(245, 142, 129) contains.

| | |
|--|----|
| RYB(245, 142, 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

RYB(245, 142, 129)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F58D81 |
| RGB | 245, 141, 129 |
| RGB Percent | 96%, 55%, 51% |
| CMY | 0.0392, 0.4483, 0.4941 |
| CMYK | 0.00, 0.43, 0.47, 0.04 |
| HSL | 6°, 85%, 73% |
| HSV | 6°, 47%, 96% |
| XYZ | 51.0979, 39.9559, 25.7880 |
| YIQ | 170.7280, 65.8360, 18.3160 |

Conversions

Conversions Part 2

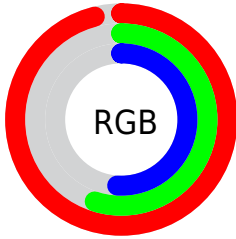
| Format | Color |
|-------------------------------------|--|
| RYB | 245, 142, 129 |
| Decimal | 16092545 |
| CIELab | 69.44, 38.29, 23.57 |
| CIELCh | 69, 44.963, 31.608 |
| Yxy | 39.9559, 0.4373, 0.3420 |
| Android (android.graphics.Color) | 4294282625 (0xFFFF58D81) |
| YUV | 170.7280, -20.5719, 65.1365 |
| Hunter-Lab | 63.2107, 33.6761, 20.0590 |

Details

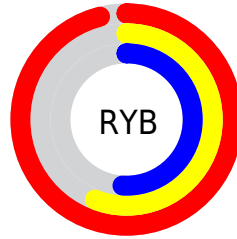
The RYB color **245, 142, 129** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **129, 184, 245**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 199, 182**, and **185, 90, 80** is the 20% darker color. If you saturate the color by 10%, you get **245, 121, 105**, and if you desaturate by 10%, it is **245, 164, 154**.

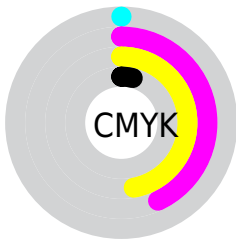
Distribution



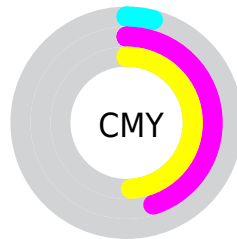
- Red (96%)
- Green (55%)
- Blue (51%)



- Red (96%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (43%)
- Yellow (47%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 142, 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 245, 142, 129 by changing the saturation by 10% instead.

 245, 142, 129

 245, 142, 129

255, 255, 255

 215, 115, 104

 255, 199, 182

 185, 89, 80

 255, 230, 210

 156, 63, 57

 240, 255, 238

 127, 38, 35


 99, 8, 14

 71, 0, 0

 47, 0, 2

 0, 0, 0

 245, 142, 129

 245, 142, 129

■ 245, 121, 105

■ 245, 164, 154

■ 245, 99, 80

■ 245, 186, 178

■ 245, 77, 55

■ 245, 207, 203

■ 245, 56, 31

■ 245, 229, 227

■ 245, 34, 6

■ 245, 248, 252

■ 245, 28, 0

■ 245, 250, 255

Harmonies

Analogous

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



245, 136, 169



245, 142, 129



226, 193, 99

Triad

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



245, 142, 129



99, 165, 187



107, 152, 251

Complementary

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



245, 142, 129



129, 184, 245

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.



0, 104, 240



245, 142, 129



0, 101, 191

Square

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



245, 142, 129



98, 180, 128



0, 100, 211



176, 158, 239

Rectangle

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



245, 142, 129



154, 205, 88



0, 100, 211



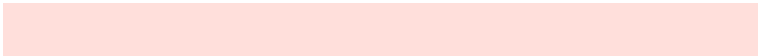
76, 140, 250

Sweetspot

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



245, 142, 129



255, 224, 219



245, 129, 233



128, 108, 106



0, 0, 0



128, 128, 128

Same Dimension

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



245, 142, 129



255, 125, 110



205, 245, 129



122, 111, 110



186, 21, 0



59, 7, 0

Inverse Universe

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



129, 184, 245



110, 179, 255



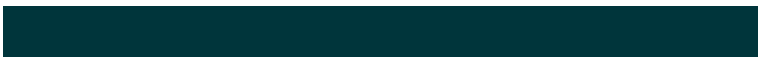
129, 162, 245



110, 116, 122



0, 88, 186



0, 28, 59

Previews

White Background



This preview shows how the RYB color 245, 142, 129 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 245, 142, 129 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 245, 142, 129 Background



This preview shows how black text looks on a background with the RYB color 245, 142, 129.

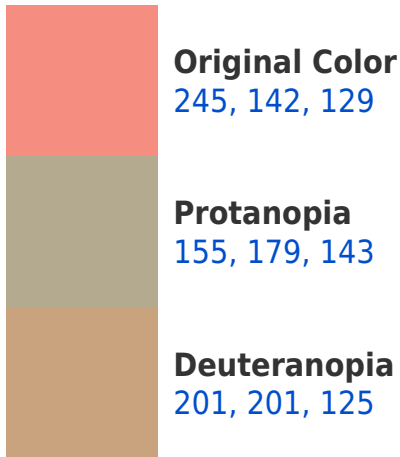



This preview shows how white text looks on a background with the RYB color 245, 142, 129.

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





Tritanopia
246, 138, 148

Trichromacy



Original Color

245, 142, 129



Protanomaly

203, 169, 138



Deuteranomaly

217, 169, 126



Tritanomaly

246, 139, 141

Monochromacy



Original Color

245, 142, 129



Achromatopsia

171, 171, 171



Achromatomaly

198, 160, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 142, 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(245, 141, 129) looks like.

```
.text, #text, p{  
    color:rgb(245, 141, 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(245, 141, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 141, 129) }
```

Border

The CSS property to change the border of an element to RYB 245, 142, 129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

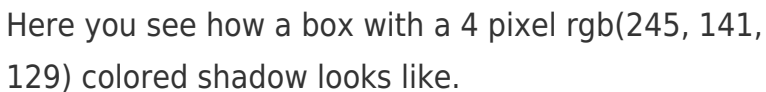
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 141, 129) }
```

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

```
.border{ border-color:rgb(245, 141, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 141, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 141, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 141, 129); box-shadow:4px 4px 4px 4px rgb(245, 141, 129) }
```

Background

The CSS property to change the background color of an element to RYB 245, 142, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 141, 129) }
```

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

```
.background{ background-color: rgb(245,  
141, 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](#).

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