

Converting Colors

`RYB(236, 129, 129)`

Have a look what the booklet for
RYB(236, 129, 129) contains.

RYB(236, 129, 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(236, 129, 129)`

Conversions

Conversions Part 1

Format	Color
Hex	EC8181
RGB	236, 129, 129
RGB Percent	93%, 51%, 51%
CMY	0.0745, 0.4941, 0.4941
CMYK	0.00, 0.45, 0.45, 0.07
HSL	0°, 74%, 72%
HSV	0°, 45%, 93%
XYZ	46.4048, 35.1184, 25.1016
YIQ	160.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

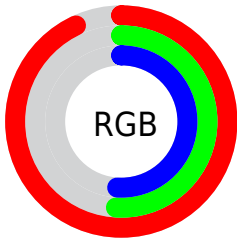
Format	Color
R _Y B	236, 129, 129
Decimal	15499649
CIE Lab	65.84, 40.95, 18.47
CIE LCh	66, 44.923, 24.278
Yxy	35.1184, 0.4352, 0.3294
Android (android.graphics.Color)	4293689729 (0xFFEC8181)
YUV	160.9930, -15.7725, 65.7811
Hunter-Lab	59.2607, 36.0701, 16.3685

Details

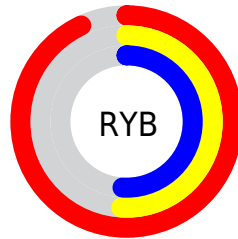
The RYB color **236, 129, 129** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **129, 183, 236**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 184, 182**, and **177, 77, 80** is the 20% darker color. If you saturate the color by 10%, you get **236, 105, 105**, and if you desaturate by 10%, it is **236, 153, 153**.

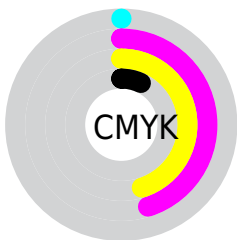
Distribution



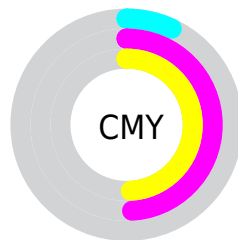
- Red (93%)
- Green (51%)
- Blue (51%)



- Red (93%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (45%)
- Yellow (45%)
- Black (7%)



- Cyan (7%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 236, 129, 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 236, 129, 129 by changing the saturation by 10% instead.

 236, 129, 129

 236, 129, 129

255, 255, 255

 206, 103, 104


 255, 184, 182


 177, 77, 80

 255, 212, 209

 148, 51, 57

 255, 242, 238

 119, 24, 36


 91, 0, 15

 64, 0, 0

 37, 0, 1

 0, 0, 0


 236, 129, 129

 236, 129, 129

 236, 105, 105

 236, 153, 153

 236, 82, 82

 236, 176, 176

 236, 58, 58

 236, 200, 200

 236, 35, 35

 236, 223, 223

 236, 11, 11

 236, 242, 247

 236, 0, 0

 236, 246, 255

Harmonies

Analogous

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



231, 127, 169



236, 129, 129



221, 164, 96

Triad

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



236, 129, 129



103, 169, 176



73, 133, 240

Complementary

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



236, 129, 129



129, 183, 236

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, 99, 224



236, 129, 129



21, 108, 180

Square

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



236, 129, 129



84, 168, 100



0, 93, 192



151, 152, 233

Rectangle

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



236, 129, 129



176, 203, 82



0, 93, 192



23, 110, 237

Sweetspot

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



236, 129, 129



255, 219, 219



236, 129, 236



128, 106, 106



0, 0, 0



128, 128, 128

Same Dimension

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



236, 129, 129



255, 117, 117



236, 234, 129



117, 106, 106



181, 0, 0



54, 0, 0

Inverse Universe

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



129, 183, 236



117, 186, 255



129, 164, 236



106, 112, 117



0, 91, 181



0, 27, 54

Previews

White Background



This preview shows how the RYB color 236, 129, 129 looks on a white background.

Color Contrast Check

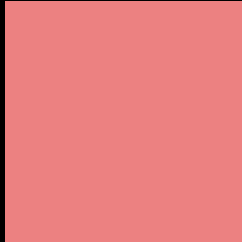
Large Text (above 18pt) WCAG AA × Fail

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 236, 129, 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 236, 129, 129 Background



This preview shows how black text looks on a background with the RYB color 236, 129, 129.

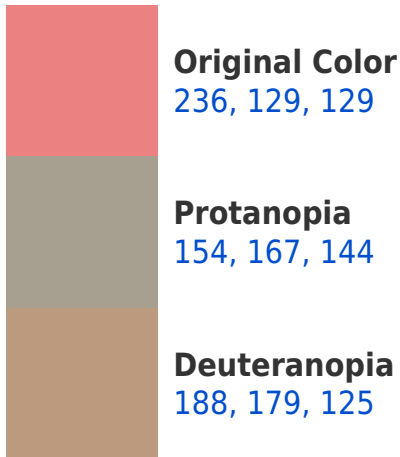


This preview shows how white text looks on a background with the RYB color 236, 129, 129.

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
237, 128, 137

Trichromacy



Original Color

236, 129, 129



Protanomaly

192, 151, 139



Deuteranomaly

205, 151, 126



Tritanomaly

237, 128, 134

Monochromacy



Original Color

236, 129, 129



Achromatopsia

161, 161, 161



Achromatomaly

188, 149, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 129, 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(236, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(236, 129, 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(236, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 129, 129) }
```

Border

The CSS property to change the border of an element to RYB 236, 129, 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(236, 129, 129) }
```

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

```
.border{ border-color:rgb(236, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(236, 129,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 236, 129, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 129, 129) }
```

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

```
.background{ background-color: rgb(236,  
129, 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