

Converting Colors

`RYB(225, 136, 151)`

Have a look what the booklet for
RYB(225, 136, 151) contains.

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Color

R_YB(225, 136, 151)

Conversions

Conversions Part 1

Format	Color
Hex	E18897
RGB	225, 136, 151
RGB Percent	88%, 53%, 59%
CMY	0.1176, 0.4667, 0.4078
CMYK	0.00, 0.40, 0.33, 0.12
HSL	350°, 60%, 71%
HSV	350°, 40%, 88%
XYZ	45.4414, 35.8502, 33.8029
YIQ	164.3210, 48.2290, 23.5330

Conversions

Conversions Part 2

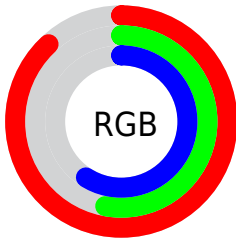
Format	Color
R_{YB}	225, 136, 151
Decimal	14780567
CIE _{Lab}	66.41, 35.77, 6.65
CIE _{LCh}	66, 36.386, 10.538
Yxy	35.8502, 0.3948, 0.3115
Android (android.graphics.Color)	4292970647 (0xFFE18897)
YUV	164.3210, -6.5673, 53.2155
Hunter-Lab	59.8751, 30.6889, 8.4399

Details

The RYB color **225, 136, 151** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **136, 185, 225**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 190, 205**, and **167, 84, 100** is the 20% darker color. If you saturate the color by 10%, you get **225, 114, 132**, and if you desaturate by 10%, it is **225, 159, 170**.

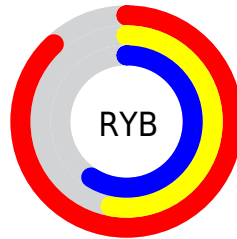
Distribution



Red (88%)

Green (53%)

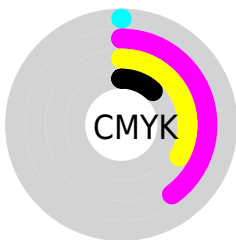
Blue (59%)



Red (88%)

Yellow (53%)

Blue (59%)

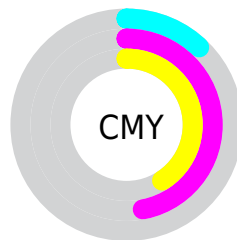


Cyan (0%)

Magenta (40%)

Yellow (33%)

Black (12%)



Cyan (12%)

Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 136, 151 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 225, 136, 151 by changing the saturation by 10% instead.


 225, 136, 151


255, 255, 255

 255, 190, 205

 255, 219, 233

 255, 248, 255

 225, 136, 151

 196, 110, 125

 167, 84, 100

 139, 59, 76

 112, 34, 54

 85, 6, 33

 60, 0, 9

 34, 0, 1

 0, 0, 0

 225, 136, 151

 225, 136, 151

 225, 114, 132

 225, 159, 170

 225, 91, 114

 225, 181, 188

 225, 68, 95

 225, 203, 207

 225, 46, 76

 225, 226, 226

 225, 24, 57

 225, 237, 248

 225, 1, 39

 225, 240, 255

 225, 0, 38

Harmonies

Analogous

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



212, 139, 184



225, 136, 151



220, 148, 121

Triad

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



225, 136, 151



111, 172, 147



76, 134, 222

Complementary

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



225, 136, 151



136, 185, 225

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.



18, 104, 203



225, 136, 151



95, 148, 177

Square

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



225, 136, 151



106, 172, 96



47, 115, 179



133, 154, 225

Rectangle

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



225, 136, 151



209, 178, 105



47, 115, 179



55, 123, 218

Sweetspot

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



225, 136, 151



255, 224, 230



209, 136, 225



128, 110, 113



0, 0, 0



128, 128, 128

Same Dimension

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



225, 136, 151



255, 135, 155



225, 177, 136



112, 101, 103



176, 0, 30



48, 0, 8

Inverse Universe

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



225, 136, 151



255, 135, 155



136, 172, 225



112, 101, 103



176, 0, 30



48, 0, 8

Previews

White Background



This preview shows how the RYB color 225, 136, 151 looks on a white background.

Color Contrast Check

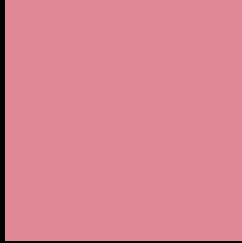
Large Text (above 18pt) WCAG AA × Fail

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 225, 136, 151 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 225, 136, 151 Background



This preview shows how black text looks on a background with the RYB color 225, 136, 151.

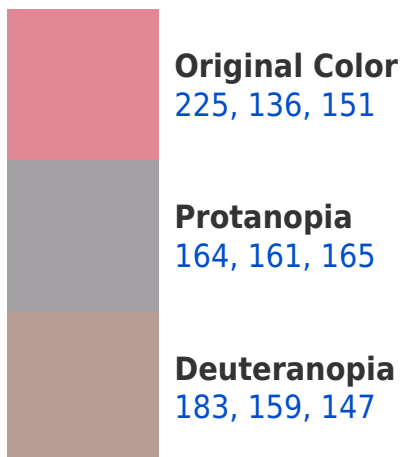



This preview shows how white text looks on a background with the RYB color 225, 136, 151.

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
225, 137, 147

Trichromacy



Original Color
225, 136, 151

Protanomaly
186, 152, 160

Deuteranomaly
198, 149, 148

Tritanomaly
225, 137, 148

Monochromacy



Original Color
225, 136, 151

Achromatopsia
164, 164, 164

Achromatomaly
186, 154, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 136, 151 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(225, 136, 151)` looks like.

```
.text, #text, p{  
    color:rgb(225, 136, 151)  
}
```

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(225, 136, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 136, 151) }
```

Border

The CSS property to change the border of an element to RYB 225, 136, 151 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(225, 136, 151) }
```

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

```
.border{ border-color:rgb(225, 136, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 136, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 136, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 136, 151);  
box-shadow:4px 4px 4px 4px rgb(225, 136,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 225, 136, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 136, 151) }
```

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

```
.background{ background-color: rgb(225,  
136, 151) }
```

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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