

Converting Colors

`RYB(228, 135, 142)`

Have a look what the booklet for
RYB(228, 135, 142) contains.

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Color

R_YB(228, 135, 142)

Conversions

Conversions Part 1

Format	Color
Hex	E4878E
RGB	228, 135, 142
RGB Percent	89%, 53%, 56%
CMY	0.1059, 0.4706, 0.4431
CMYK	0.00, 0.41, 0.38, 0.11
HSL	355°, 63%, 71%
HSV	355°, 41%, 89%
XYZ	45.5414, 35.7749, 30.0961
YIQ	163.6050, 53.1810, 21.8930

Conversions

Conversions Part 2

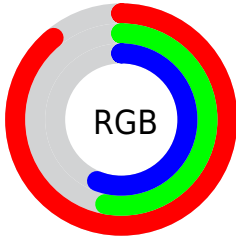
Format	Color
RYB	228, 135, 142
Decimal	14976910
CIELab	66.35, 36.31, 11.70
CIElCh	66, 38.146, 17.858
Yxy	35.7749, 0.4088, 0.3211
Android (android.graphics.Color)	4293166990 (0xFFE4878E)
YUV	163.6050, -10.6513, 56.4744
Hunter-Lab	59.8121, 31.2399, 12.0351

Details

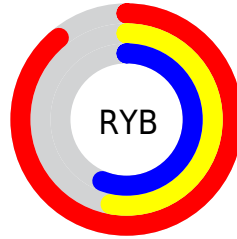
The RYB color **228, 135, 142** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **135, 183, 228**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 189, 196**, and **170, 83, 92** is the 20% darker color. If you saturate the color by 10%, you get **228, 112, 121**, and if you desaturate by 10%, it is **228, 158, 163**.

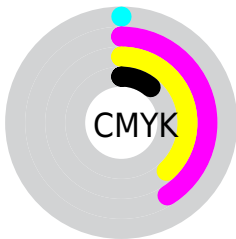
Distribution



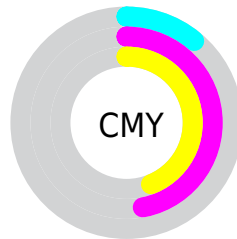
- Red (89%)
- Green (53%)
- Blue (56%)



- Red (89%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 135, 142 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 228, 135, 142 by changing the saturation by 10% instead.

 228, 135, 142

 228, 135, 142

255, 255, 255

 199, 109, 116

 255, 189, 196

 170, 83, 92

 255, 218, 224

 142, 58, 68

 255, 247, 252

 114, 33, 46

 87, 4, 26

 61, 0, 0

 34, 0, 1

 0, 0, 0

 228, 135, 142

 228, 135, 142

■ 228, 112, 121

■ 228, 158, 163

■ 228, 89, 100

■ 228, 181, 184

■ 228, 67, 79

■ 228, 203, 205

■ 228, 44, 58

■ 228, 226, 226

■ 228, 21, 37

■ 228, 239, 249

■ 228, 0, 17

■ 228, 242, 255

Harmonies

Analogous

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



219, 136, 177



228, 135, 142



219, 156, 112

Triad

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



228, 135, 142



114, 174, 164



84, 137, 228

Complementary

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



228, 135, 142



135, 183, 228

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, 96, 211



228, 135, 142



78, 138, 179

Square

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



228, 135, 142



95, 166, 98



3, 91, 181



144, 156, 226

Rectangle

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



228, 135, 142



205, 199, 98



3, 91, 181



60, 127, 224

Sweetspot

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



228, 135, 142



255, 224, 227



220, 135, 228



128, 110, 111



0, 0, 0



128, 128, 128

Same Dimension

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



228, 135, 142



255, 130, 139



228, 202, 135



115, 103, 104



179, 0, 13



51, 0, 4

Inverse Universe

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



228, 135, 142



255, 130, 139



135, 169, 228



115, 103, 104



179, 0, 13



51, 0, 4

Previews

White Background



This preview shows how the RYB color 228, 135, 142 looks on a white background.

Color Contrast Check

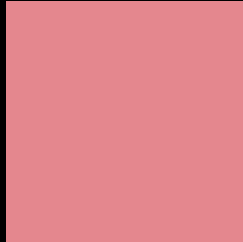
Large Text (above 18pt) WCAG AA × Fail

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 228, 135, 142 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 228, 135, 142 Background



This preview shows how black text looks on a background with the RYB color 228, 135, 142.



This preview shows how white text looks on a background with the RYB color 228, 135, 142.

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
228, 135, 142

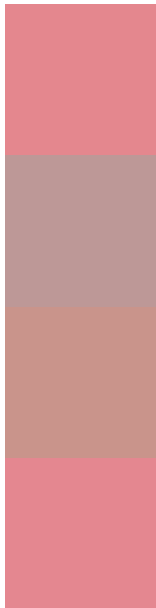
Protanopia
166, 166, 156

Deuteranopia
186, 167, 138



Tritanopia
228, 135, 145

Trichromacy



Original Color
228, 135, 142

Protanomaly
189, 152, 151

Deuteranomaly
201, 150, 139

Tritanomaly
228, 135, 144

Monochromacy



Original Color
228, 135, 142

Achromatopsia
164, 164, 164

Achromatomaly
187, 153, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 135, 142 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(228, 135, 142) looks like.

```
.text, #text, p{  
    color:rgb(228, 135, 142)  
}
```

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(228, 135, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 135, 142) }
```

Border

The CSS property to change the border of an element to RYB 228, 135, 142 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(228, 135, 142) }
```

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

```
.border{ border-color:rgb(228, 135, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 135, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 135, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 135, 142);  
box-shadow:4px 4px 4px 4px rgb(228, 135,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 228, 135, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 135, 142) }
```

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

```
.background{ background-color: rgb(228,  
135, 142) }
```

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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