

Converting Colors

`RYB(140, 136, 146)`

Have a look what the booklet for
RYB(140, 136, 146) contains.

RYB(140, 136, 146)	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(140, 136, 146)`

Conversions

Conversions Part 1

Format	Color
Hex	8C8892
RGB	140, 136, 146
RGB Percent	55%, 53%, 57%
CMY	0.4510, 0.4667, 0.4275
CMYK	0.04, 0.07, 0.00, 0.43
HSL	264°, 4%, 55%
HSV	264°, 7%, 57%
XYZ	24.8077, 25.2591, 30.7621
YIQ	138.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

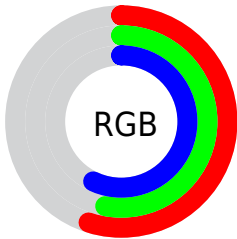
Format	Color
R_{YB}	140, 136, 146
Decimal	9210002
CIE Lab	57.33, 3.47, -4.81
CIE LCh	57, 5.931, 305.821
Yxy	25.2591, 0.3069, 0.3125
Android (android.graphics.Color)	4287400082 (0xFF8C8892)
YUV	138.3360, 3.7784, 1.4593
Hunter-Lab	50.2584, 0.1558, -1.1093

Details

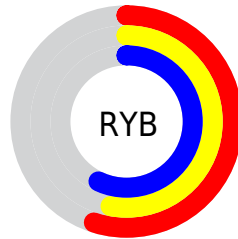
The RYB color **140, 136, 146** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **136, 146, 140**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **194, 189, 200**, and **90, 86, 96** is the 20% darker color. If you saturate the color by 10%, you get **131, 121, 146**, and if you desaturate by 10%, it is **146, 151, 148**.

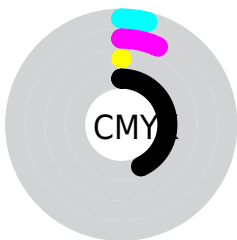
Distribution



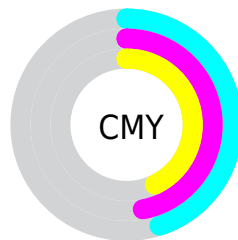
- Red (55%)
- Green (53%)
- Blue (57%)



- Red (55%)
- Yellow (53%)
- Blue (57%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (47%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the RYB color 140, 136, 146 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 140, 136, 146 by changing the saturation by 10% instead.


 140, 136, 146

255, 255, 255

 194, 189, 200

 221, 217, 228

 250, 245, 255

 140, 136, 146

 115, 111, 120

 90, 86, 96


 67, 63, 72


 44, 41, 49

 24, 21, 29

 0, 0, 0

 140, 136, 146

 131, 121, 146

 122, 107, 146

 140, 136, 146

 146, 151, 148

 146, 165, 153

■ 114, 92, 146

■ 146, 180, 160

■ 105, 78, 146

■ 146, 194, 165

■ 96, 63, 146

■ 146, 209, 171

■ 87, 48, 146

■ 146, 224, 177

■ 79, 34, 146

■ 146, 238, 183

■ 70, 19, 146

■ 146, 253, 189

■ 61, 5, 146

■ 146, 255, 182

Harmonies

Analogous

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



134, 137, 148



140, 136, 146



145, 135, 142

Triad

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



140, 136, 146



146, 142, 128



126, 134, 141

Complementary

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



140, 136, 146



136, 146, 140

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.



129, 137, 140



140, 136, 146



131, 141, 127

Square

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



140, 136, 146



149, 136, 132



129, 139, 133



125, 133, 143

Rectangle

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



140, 136, 146



148, 134, 139



129, 139, 133



127, 135, 141

Sweetspot

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



140, 136, 146



186, 185, 189



136, 140, 146



93, 92, 94



222, 222, 222



94, 94, 94

Same Dimension

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



140, 136, 146



180, 174, 189



145, 136, 146



70, 67, 74



55, 0, 138



4, 0, 10

Inverse Universe

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



146, 136, 142



189, 174, 183



136, 146, 145



74, 67, 71



138, 0, 83



10, 0, 6

Previews

White Background



This preview shows how the RYB color 140, 136, 146 looks on a white background.

Color Contrast Check

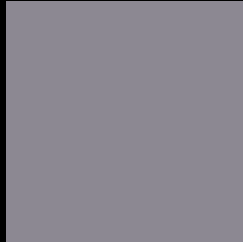
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 140, 136, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

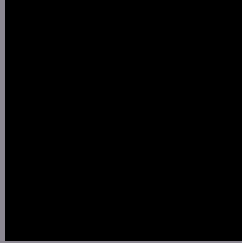
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

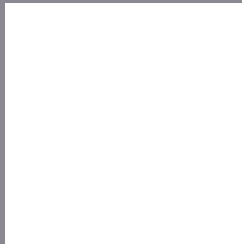
Any Text WCAG AAA × Fail

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

RYB 140, 136, 146 Background



This preview shows how black text looks on a background with the RYB color 140, 136, 146.



This preview shows how white text looks on a background with the RYB color 140, 136, 146.

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

140, 136, 146

Protanopia

137, 137, 146

Deuteranopia

147, 134, 146



Tritanopia

140, 136, 147

Trichromacy



Original Color

140, 136, 146

Protanomaly

138, 137, 146

Deuteranomaly

144, 135, 146

Tritanomaly

140, 136, 147

Monochromacy



Original Color

140, 136, 146

Achromatopsia

138, 138, 138

Achromatomaly

139, 137, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 136, 146 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(140, 136, 146) looks like.

```
.text, #text, p{  
    color:rgb(140, 136, 146)  
}
```

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(140, 136, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 136, 146) }
```

Border

The CSS property to change the border of an element to RYB 140, 136, 146 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(140, 136, 146) }
```

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

```
.border{ border-color:rgb(140, 136, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 136, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 136, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 136, 146);  
box-shadow:4px 4px 4px 4px rgb(140, 136,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 140, 136, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 136, 146) }
```

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

```
.background{ background-color: rgb(140,  
136, 146) }
```

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