Converting Colors

RYB(148, 136, 142)

Have a look what the booklet for RYB(148, 136, 142) contains.

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Color

RYB(148, 136, 142)

Conversions

Format	Color
Hex	94888E
RGB	148, 136, 142
RGB Percent	58%, 53%, 56%
CMY	0.4196, 0.4667, 0.4431
CMYK	0.00, 0.08, 0.04, 0.42
HSL	330°, 5%, 56%
HSV	330°, 8%, 58%
XYZ	25.8994, 25.8572, 29.2171
YIQ	140.2720, 5.2260, 4.4100

Conversions Part 1

Conversions

Conversions Part 2

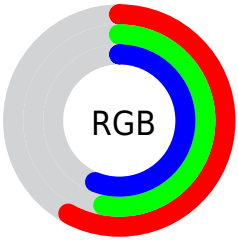
Format	Color
RYB	148, 136, 142
Decimal	9734286
CIELab	57.90, 5.62, -1.58
CIELCh	58, 5.835, 344.250
Yxy	25.8572, 0.3198, 0.3193
Android (android.graphics.Color)	4287924366 (0xFF94888E)
YUV	140.2720, 0.8519, 6.7775
Hunter-Lab	50.8500, 1.9278, 1.5285

Details

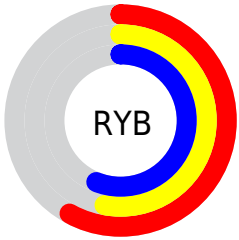
The RYB color 148, 136, 142 is a dark color, and the websafe version is hex 999999. A complement of this color would be 136, 144, 148, and the grayscale version is 140, 140, 140.

A 20% lighter version of the original color is 202, 189, 196, and 97, 86, 92 is the 20% darker color. If you saturate the color by 10%, you get 148, 121, 135, and if you desaturate by 10%, it is 148, 150, 151.

Distribution

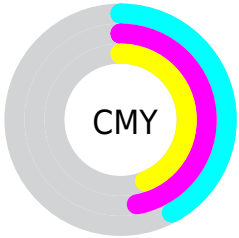


- Red (58%)
- Green (53%)
- Blue (56%)



- Red (58%)
- Yellow (53%)
- Blue (56%)

- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 136, 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 148, 136, 142 by changing the saturation by 10% instead.

148, 136, 142

255, 255, 255

202, 189, 196

230, 217, 224

255, 246, 252

148, 136, 142

122, 111, 116

97, 86, 92

74, 63, 68

51, 41, 46

30, 21, 26

0, 0, 0

148, 136, 142

148, 121, 135

148, 106, 127

148, 136, 142

148, 150, 151

148, 160, 166

148, 92, 120

148, 77, 112

148, 62, 105

148, 47, 98

148, 32, 90

148, 18, 83

148, 3, 75

148, 169, 180

148, 179, 195

148, 189, 210

148, 200, 225

148, 209, 240

148, 219, 254

148, 216, 255

Harmonies

Analogous

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

143, 137, 146

148, 136, 142

150, 136, 137

Triad

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

148, 136, 142

130, 141, 129

127, 135, 146

Complementary

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

148, 136, 142

136, 144, 148

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.

127, 135, 142

148, 136, 142

132, 141, 138

Square

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

148, 136, 142

144, 146, 129

130, 138, 142

131, 137, 149

Rectangle

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

148, 136, 142

150, 136, 134

130, 138, 142

127, 135, 145

Sweetspot

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

148, 136, 142

191, 187, 189

142, 136, 148

97, 95, 96

224, 224, 224

97, 97, 97

Same Dimension

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

148, 136, 142

191, 172, 182

148, 136, 136

74, 67, 70

138, 0, 69

10, 0, 5

Inverse Universe

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

148, 136, 142

191, 172, 182

136, 142, 148

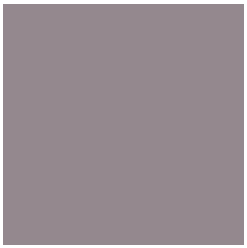
74, 67, 70

138, 0, 69

10, 0, 5

Previews

White Background

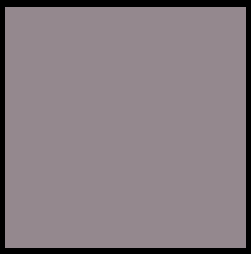


This preview shows how the RYB color 148, 136, 142 looks on a white background.

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



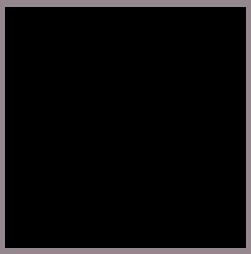
This preview shows how the RYB color 148, 136, 142 looks on a black background.

Color Contrast Check

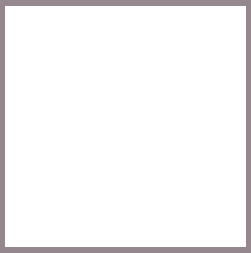
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 148, 136, 142 Background



This preview shows how black text looks on a background with the RYB color 148, 136, 142.



This preview shows how white text looks on a background with the RYB color 148, 136, 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
148, 136, 142

Protanopia
140, 138, 143

Deuteranopia
151, 135, 142

Tritanopia
149, 135, 146

Trichromacy

Original Color
148, 136, 142

Protanomaly
143, 137, 143

Deuteranomaly
150, 135, 142

Tritanomaly
149, 135, 145

Monochromacy

Original Color
148, 136, 142

Achromatopsia
140, 140, 140

Achromatomaly
143, 139, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 136, 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(148, 136, 142) looks like.

```
.text, #text, p{
    color:rgb(148, 136, 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(148, 136, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 136, 142) }
```

Border

The CSS property to change the border of an element to RYB 148, 136, 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(148, 136, 142) }
```

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

```
.border{ border-color:rgb(148, 136, 142) }
```

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

Here you see how a box with a 4 pixel rgb(148, 136, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 136, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 136, 142); box-shadow:4px 4px 4px 4px rgb(148, 136, 142) }
```

Background

The CSS property to change the background color of an element to RYB 148, 136, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(148, 136, 142) }
```

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

```
.background{ background-color:rgb(148,
136, 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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