

Converting Colors

`RYB(182, 136, 184)`

Have a look what the booklet for
RYB(182, 136, 184) contains.

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Color

R_YB(182, 136, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B688B8
RGB	182, 136, 184
RGB Percent	71%, 53%, 72%
CMY	0.2863, 0.4667, 0.2784
CMYK	0.01, 0.26, 0.00, 0.28
HSL	298°, 25%, 63%
HSV	298°, 26%, 72%
XYZ	36.7473, 31.0141, 49.3969
YIQ	155.2260, 12.0080, 24.6800

Conversions

Conversions Part 2

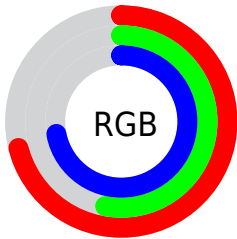
Format	Color
RYB	182, 136, 184
Decimal	11962552
CIELab	62.52, 25.80, -18.30
CIELCh	63, 31.633, 324.657
Yxy	31.0141, 0.3137, 0.2647
Android (android.graphics.Color)	4290152632 (0xFFB688B8)
YUV	155.2260, 14.1856, 23.4808
Hunter-Lab	55.6903, 20.3254, -13.6066

Details

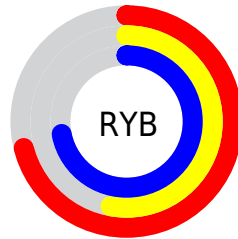
The RYB color **182, 136, 184** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **136, 184, 182**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **238, 190, 240**, and **128, 86, 131** is the 20% darker color. If you saturate the color by 10%, you get **181, 118, 184**, and if you desaturate by 10%, it is **183, 154, 184**.

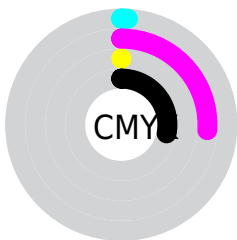
Distribution



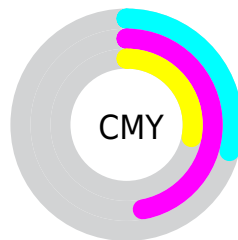
- Red (71%)
- Green (53%)
- Blue (72%)



- Red (71%)
- Yellow (53%)
- Blue (72%)



- Cyan (1%)
- Magenta (26%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (47%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 136, 184 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 182, 136, 184 by changing the saturation by 10% instead.


 182, 136, 184

255, 255, 255

 238, 190, 240

 255, 218, 255

 255, 246, 255

 182, 136, 184

 155, 110, 157

 128, 86, 131

 103, 62, 106


 78, 39, 81


 54, 16, 58


 34, 0, 37

 0, 1, 13


 0, 0, 0

 182, 136, 184

 182, 136, 184

 181, 118, 184


 183, 154, 184

 180, 99, 184

 184, 173, 184

 180, 81, 184

 184, 191, 191

 179, 62, 184

 184, 210, 209

 178, 44, 184

 184, 228, 226

 177, 26, 184

 184, 246, 243

 177, 7, 184

 184, 255, 252

 176, 0, 184

 184, 255, 251

 184, 255, 250

Harmonies

Analogous

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



148, 146, 202



182, 136, 184



202, 130, 157

Triad

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



182, 136, 184



136, 175, 95



51, 110, 174

Complementary

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



182, 136, 184



136, 184, 182

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.



79, 128, 166



182, 136, 184



99, 157, 110

Square

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



182, 136, 184



196, 156, 106



114, 159, 163



62, 119, 196

Rectangle

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



182, 136, 184



207, 130, 138



114, 159, 163



58, 113, 166

Sweetspot

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



182, 136, 184



239, 221, 240



136, 138, 184



119, 108, 120



247, 247, 247



120, 120, 120

Same Dimension

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



182, 136, 184



237, 165, 240



184, 136, 162



91, 83, 92



149, 0, 156



27, 0, 28

Inverse Universe

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



184, 136, 138



240, 165, 168



136, 169, 184



92, 83, 83



156, 0, 6



28, 0, 1

Previews

White Background



This preview shows how the RYB color 182, 136, 184 looks on a white background.

Color Contrast Check

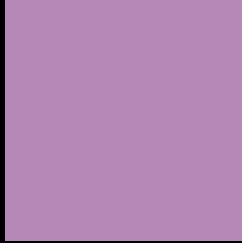
Large Text (above 18pt) WCAG AA × Fail

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 182, 136, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

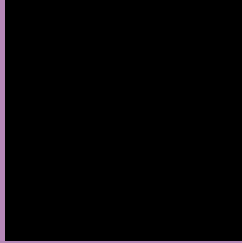
Any Text WCAG AA ✓ Pass

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 182, 136, 184 Background



This preview shows how black text looks on a background with the RYB color 182, 136, 184.



This preview shows how white text looks on a background with the RYB color 182, 136, 184.

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
182, 136, 184

Protanopia
140, 148, 194

Deuteranopia
151, 148, 182



Tritanopia
178, 142, 153

Trichromacy



Original Color
182, 136, 184

Protanomaly
155, 145, 190

Deuteranomaly
162, 144, 183

Tritanomaly
179, 140, 164

Monochromacy



Original Color
182, 136, 184

Achromatopsia
155, 155, 155

Achromatomaly
165, 148, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 136, 184 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(182, 136, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 136, 184)  
}
```

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(182, 136, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 136, 184) }
```

Border

The CSS property to change the border of an element to RYB 182, 136, 184 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(182, 136, 184) }
```

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

```
.border{ border-color:rgb(182, 136, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 136, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 136, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 136, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 136,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 182, 136, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 136, 184) }
```

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

```
.background{ background-color: rgb(182,  
136, 184) }
```

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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