

Converting Colors

`RYB(184, 136, 184)`

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

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Color

R_YB(184, 136, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B888B8
RGB	184, 136, 184
RGB Percent	72%, 53%, 72%
CMY	0.2784, 0.4667, 0.2784
CMYK	0.00, 0.26, 0.00, 0.28
HSL	300°, 25%, 63%
HSV	300°, 26%, 72%
XYZ	37.2231, 31.2594, 49.4192
YIQ	155.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

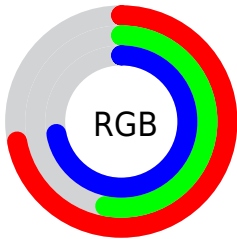
Format	Color
RYB	184, 136, 184
Decimal	12093624
CIELab	62.73, 26.48, -17.97
CIELCh	63, 31.998, 325.843
Yxy	31.2594, 0.3157, 0.2651
Android (android.graphics.Color)	4290283704 (0xFFB888B8)
YUV	155.8240, 13.8908, 24.7104
Hunter-Lab	55.9101, 20.9967, -13.2697

Details

The RYB color **184, 136, 184** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **136, 184, 184**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **241, 190, 240**, and **130, 85, 131** is the 20% darker color. If you saturate the color by 10%, you get **184, 118, 184**, and if you desaturate by 10%, it is **184, 154, 184**.

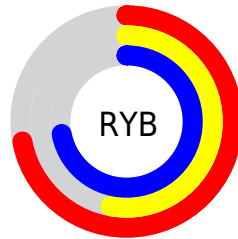
Distribution



Red (72%)

Green (53%)

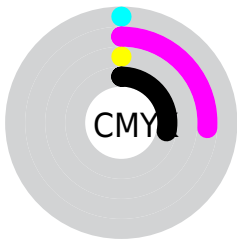
Blue (72%)



Red (72%)

Yellow (53%)

Blue (72%)

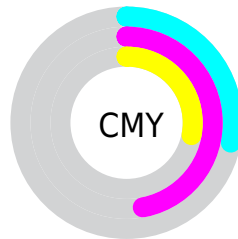


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (28%)



Cyan (28%)


Magenta (47%)

Yellow (28%)


Brightness & Saturation Gradients

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


 184, 136, 184

255, 255, 255

 241, 190, 240

 255, 218, 255


 255, 246, 255

 184, 136, 184

 157, 110, 157

 130, 85, 131

 105, 62, 106

 80, 39, 81

 56, 16, 58


 35, 0, 37


 0, 1, 13

 0, 0, 0

 184, 136, 184

 184, 136, 184

 184, 118, 184

 184, 154, 184

 184, 99, 184

 184, 173, 184

 184, 81, 184

 184, 191, 191

 184, 62, 184

 184, 210, 210

 184, 44, 184

 184, 228, 228

 184, 26, 184

 184, 246, 246

 184, 7, 184

 184, 255, 255

 184, 0, 184

Harmonies

Analogous

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



150, 146, 203



184, 136, 184



204, 130, 157

Triad

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



184, 136, 184



134, 175, 95



48, 109, 175

Complementary

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



184, 136, 184



136, 184, 184

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.



77, 128, 167



184, 136, 184



100, 157, 111

Square

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



184, 136, 184



196, 158, 106



112, 158, 164



62, 120, 198

Rectangle

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



184, 136, 184



208, 130, 138



112, 158, 164



55, 111, 167

Sweetspot

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



184, 136, 184



240, 221, 240



136, 136, 184



120, 108, 120



247, 247, 247



120, 120, 120

Same Dimension

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



184, 136, 184



240, 165, 240



184, 136, 160



92, 83, 92



156, 0, 156



28, 0, 28

Inverse Universe

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



184, 136, 184



240, 165, 240



136, 168, 184



92, 83, 92



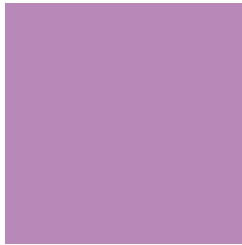
156, 0, 156



28, 0, 28

Previews

White Background



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

Color Contrast Check

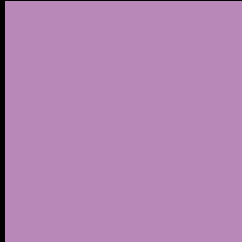
Large Text (above 18pt) WCAG AA × Fail

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 184, 136, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

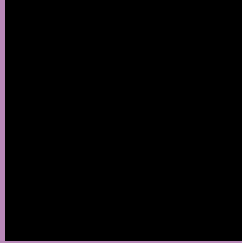
Any Text WCAG AA ✓ Pass

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 184, 136, 184 Background



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



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

Protanopia
141, 149, 194

Deuteranopia
152, 149, 182



Tritanopia
180, 142, 153

Trichromacy



Original Color
184, 136, 184

Protanomaly
157, 145, 190

Deuteranomaly
164, 144, 183

Tritanomaly
181, 140, 164

Monochromacy



Original Color
184, 136, 184

Achromatopsia
156, 156, 156

Achromatomaly
166, 149, 166

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(184, 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(184, 136, 184) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(184, 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(184, 136, 184)` colored shadow looks like.

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

Background

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

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

```
.background{ background-color: rgb(184,  
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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