

Converting Colors

`RYB(189, 15, 136)`

Have a look what the booklet for
RYB(189, 15, 136) contains.

RYB(189, 15, 136)	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

R_YB(189, 15, 136)

Conversions

Conversions Part 1

Format	Color
Hex	BD0F88
RGB	189, 15, 136
RGB Percent	74%, 6%, 53%
CMY	0.2588, 0.9412, 0.4667
CMYK	0.00, 0.92, 0.28, 0.26
HSL	318°, 85%, 40%
HSV	318°, 92%, 74%
XYZ	25.6010, 12.9380, 24.4405
YIQ	80.8200, 64.8630, 74.5190

Conversions

Conversions Part 2

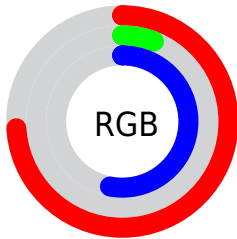
Format	Color
RYB	189, 15, 136
Decimal	12390280
CIELab	42.67, 70.02, -20.39
CIELCh	43, 72.929, 343.762
Yxy	12.9380, 0.4065, 0.2054
Android (android.graphics.Color)	4290580360 (0xFFBD0F88)
YUV	80.8200, 27.2037, 94.8739
Hunter-Lab	35.9695, 64.0995, -15.1077

Details

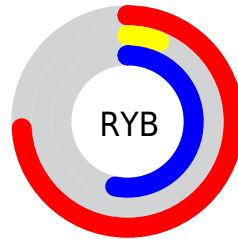
The RYB color **189, 15, 136** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **15, 148, 189**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **249, 90, 189**, and **130, 0, 86** is the 20% darker color. If you saturate the color by 10%, you get **189, 0, 131**, and if you desaturate by 10%, it is **189, 34, 142**.

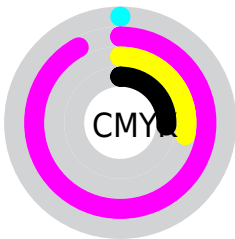
Distribution



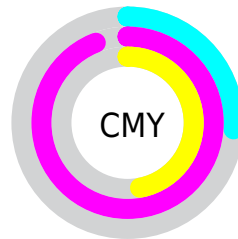
- Red (74%)
- Green (6%)
- Blue (53%)



- Red (74%)
- Yellow (6%)
- Blue (53%)



- Cyan (0%)
- Magenta (92%)
- Yellow (28%)
- Black (26%)



- Cyan (26%)
- Magenta (94%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 15, 136 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 189, 15, 136 by changing the saturation by 10% instead.

 189, 15, 136

 189, 15, 136

255, 255, 255

 160, 0, 111

 249, 90, 189

 130, 0, 86

 255, 119, 217

 102, 0, 63

 255, 148, 246

 75, 0, 41

 255, 178, 255

 46, 0, 18

 255, 207, 255

 0, 0, 0


 255, 237, 255

 189, 15, 136

 189, 15, 136

 189, 0, 131

 189, 34, 142

 189, 53, 148

 189, 72, 153

 189, 91, 159

 189, 110, 165

 189, 128, 171

 189, 147, 176

 189, 166, 182

 189, 185, 188

Harmonies

Analogous

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



135, 68, 189



189, 15, 136



203, 0, 76

Triad

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



189, 15, 136



0, 107, 9



0, 74, 184

Complementary

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



189, 15, 136



15, 148, 189

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, 63, 128



189, 15, 136



0, 118, 118

Square

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



189, 15, 136



112, 150, 0



0, 82, 124



0, 76, 218

Rectangle

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



189, 15, 136



195, 35, 37



0, 82, 124



0, 71, 167

Sweetspot

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



189, 15, 136



245, 176, 224



67, 15, 189



122, 81, 110



250, 250, 250



122, 122, 122

Same Dimension

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



189, 15, 136



245, 0, 170



189, 15, 50



94, 85, 91



158, 0, 110



31, 0, 21

Inverse Universe

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



189, 15, 136



245, 0, 170



15, 112, 189



94, 85, 91



158, 0, 110



31, 0, 21

Previews

White Background



This preview shows how the RYB color 189, 15, 136 looks on a white 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

Black Background



This preview shows how the RYB color 189, 15, 136 looks on a black 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

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

RYB 189, 15, 136 Background



This preview shows how black text looks on a background with the RYB color 189, 15, 136.

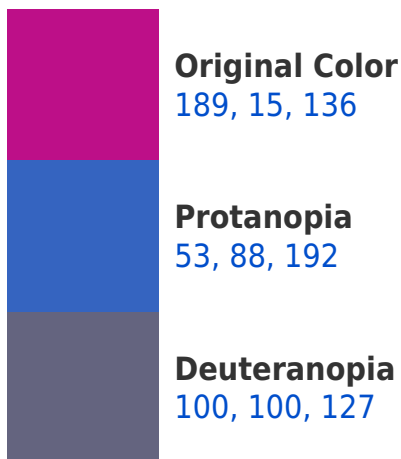


This preview shows how white text looks on a background with the RYB color 189, 15, 136.

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





Tritanopia
183, 55, 58

Trichromacy



Original Color

189, 15, 136



Protanomaly

102, 68, 172



Deuteranomaly

132, 69, 130



Tritanomaly

185, 40, 86

Monochromacy



Original Color

189, 15, 136



Achromatopsia

81, 81, 81



Achromatomaly

120, 57, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 15, 136 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(189, 15, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 15, 136)  
}
```

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(189, 15, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 15, 136) }
```

Border

The CSS property to change the border of an element to RYB 189, 15, 136 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(189, 15, 136) }
```

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

```
.border{ border-color:rgb(189, 15, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 15, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 15, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 15, 136);  
box-shadow:4px 4px 4px 4px rgb(189, 15,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 189, 15, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 15, 136) }
```

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

```
.background{ background-color: rgb(189, 15,  
136) }
```

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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