

Converting Colors

`RYB(189, 132, 132)`

Have a look what the booklet for
RYB(189, 132, 132) contains.

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Color

R_YB(189, 132, 132)

Conversions

Conversions Part 1

Format	Color
Hex	BD8484
RGB	189, 132, 132
RGB Percent	74%, 52%, 52%
CMY	0.2588, 0.4824, 0.4824
CMYK	0.00, 0.30, 0.30, 0.26
HSL	0°, 30%, 63%
HSV	0°, 30%, 74%
XYZ	33.4024, 28.9873, 25.6644
YIQ	149.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

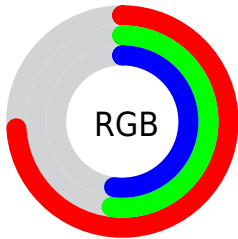
Format	Color
RYB	189, 132, 132
Decimal	12420228
CIELab	60.77, 21.94, 8.82
CIELCh	61, 23.644, 21.901
Yxy	28.9873, 0.3793, 0.3292
Android (android.graphics.Color)	4290610308 (0xFFBD8484)
YUV	149.0430, -8.4022, 35.0423
Hunter-Lab	53.8398, 16.5222, 9.4255

Details

The RYB color **189, 132, 132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **132, 161, 189**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **246, 185, 185**, and **134, 82, 83** is the 20% darker color. If you saturate the color by 10%, you get **189, 113, 113**, and if you desaturate by 10%, it is **189, 151, 151**.

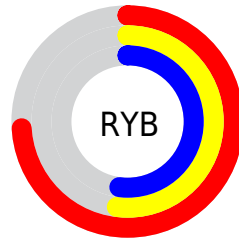
Distribution



Red (74%)

Green (52%)

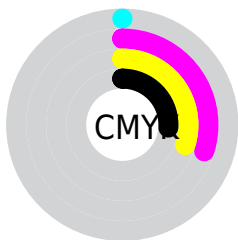
Blue (52%)



Red (74%)

Yellow (52%)

Blue (52%)

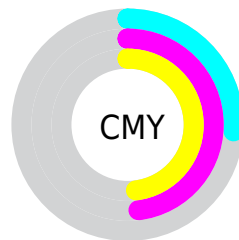


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (26%)



Cyan (26%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 132, 132 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, 132, 132 by changing the saturation by 10% instead.


 189, 132, 132


255, 255, 255

 246, 185, 185


 255, 213, 213

 255, 242, 241

 189, 132, 132

 161, 107, 107

 134, 82, 83

 108, 58, 60

 82, 36, 38

 57, 14, 17

 37, 0, 1

 0, 0, 0

 189, 132, 132

 189, 113, 113


 189, 132, 132

 189, 151, 151

 189, 94, 94

 189, 170, 170

 189, 75, 75

 189, 189, 189

 189, 56, 56

 189, 199, 208

 189, 38, 38

 189, 208, 227

 189, 19, 19

 189, 217, 245

 189, 0, 0

 189, 222, 255

Harmonies

Analogous

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



184, 132, 153



189, 132, 132



183, 148, 115

Triad

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



189, 132, 132



120, 155, 153



113, 138, 187

Complementary

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



189, 132, 132



132, 161, 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.



89, 127, 179



189, 132, 132



99, 134, 158

Square

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



189, 132, 132



108, 150, 112



85, 122, 161



142, 143, 185

Rectangle

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



189, 132, 132



169, 173, 107



85, 122, 161



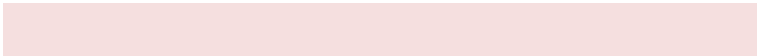
104, 134, 186

Sweetspot

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



189, 132, 132



245, 223, 223



189, 132, 189



122, 109, 109



250, 250, 250



122, 122, 122

Same Dimension

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



189, 132, 132



245, 157, 157



187, 189, 132



94, 85, 85



158, 0, 0



31, 0, 0

Inverse Universe

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



132, 161, 189



157, 201, 245



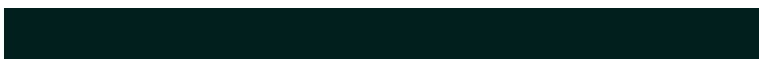
132, 151, 189



85, 90, 94



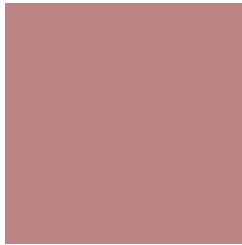
0, 79, 158



0, 16, 31

Previews

White Background



This preview shows how the RYB color 189, 132, 132 looks on a white background.

Color Contrast Check

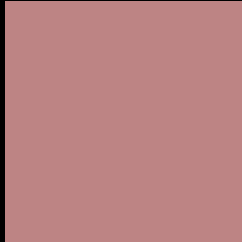
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 132, 132 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 189, 132, 132 Background



This preview shows how black text looks on a background with the RYB color 189, 132, 132.



This preview shows how white text looks on a background with the RYB color 189, 132, 132.

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
189, 132, 132

Protanopia
149, 151, 140

Deuteranopia
167, 148, 130



Tritanopia
190, 131, 141

Trichromacy



Original Color
189, 132, 132

Protanomaly
165, 142, 137

Deuteranomaly
175, 139, 131

Tritanomaly
190, 131, 138

Monochromacy



Original Color
189, 132, 132

Achromatopsia
149, 149, 149

Achromatomaly
164, 143, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 132, 132 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, 132, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 132, 132)  
}
```

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, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 132, 132) }
```

Border

The CSS property to change the border of an element to RYB 189, 132, 132 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, 132, 132) }
```

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

```
.border{ border-color:rgb(189, 132, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 132, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 132,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 189, 132, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 132, 132) }
```

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

```
.background{ background-color: rgb(189,  
132, 132) }
```

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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