

Converting Colors

`RYB(137, 148, 205)`

Have a look what the booklet for
RYB(137, 148, 205) contains.

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Color

R_YB(137, 148, 205)

Conversions

Conversions Part 1

Format	Color
Hex	8996CD
RGB	137, 150, 205
RGB Percent	54%, 59%, 80%
CMY	0.4627, 0.4113, 0.1961
CMYK	0.33, 0.27, 0.00, 0.20
HSL	228°, 40%, 67%
HSV	228°, 33%, 80%
XYZ	32.2619, 31.5781, 62.1524
YIQ	152.3830, -25.4030, 14.3490

Conversions

Conversions Part 2

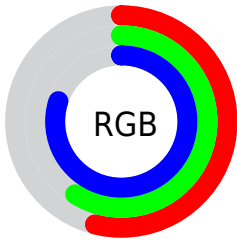
Format	Color
R _Y B	137, 148, 205
Decimal	9017037
CIE Lab	62.99, 8.30, -29.71
CIE LCh	63, 30.849, 285.601
Yxy	31.5781, 0.2561, 0.2506
Android (android.graphics.Color)	4287207117 (0xFF8996CD)
YUV	152.3830, 25.9402, -13.4909
Hunter-Lab	56.1944, 4.1391, -26.2402

Details

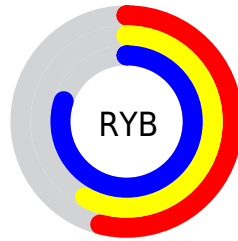
The RYB color **137, 148, 205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **153, 205, 137**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **192, 202, 255**, and **85, 97, 151** is the 20% darker color. If you saturate the color by 10%, you get **116, 131, 205**, and if you desaturate by 10%, it is **157, 165, 205**.

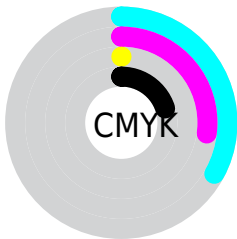
Distribution



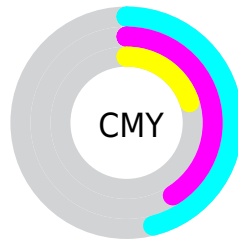
- Red (54%)
- Green (59%)
- Blue (80%)



- Red (54%)
- Yellow (58%)
- Blue (80%)



- Cyan (33%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 148, 205 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 137, 148, 205 by changing the saturation by 10% instead.


 137, 148, 205


255, 255, 255

 192, 202, 255

 220, 229, 255

 249, 252, 255

 137, 148, 205


 110, 122, 177

 85, 97, 151

 59, 72, 124

 33, 48, 99

 0, 22, 75

 0, 7, 52

 0, 2, 30

 0, 0, 1

 0, 0, 0

■ 137, 148, 205

■ 137, 148, 205

■ 116, 131, 205

■ 157, 165, 205

■ 96, 114, 205

■ 178, 182, 205

■ 75, 96, 205

■ 199, 200, 205

■ 55, 79, 205

■ 209, 219, 205

■ 34, 62, 205

■ 214, 240, 205

■ 14, 45, 205

■ 212, 255, 205

■ 0, 33, 205

■ 205, 255, 205

Harmonies

Analogous

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



94, 135, 205



137, 148, 205



174, 140, 191

Triad

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



137, 148, 205



201, 145, 114



93, 138, 166

Complementary

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



137, 148, 205



153, 205, 137

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.



113, 162, 149



137, 148, 205



167, 183, 100

Square

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



137, 148, 205



207, 132, 139



101, 157, 99



63, 115, 167

Rectangle

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



137, 148, 205



192, 135, 176



101, 157, 99



104, 147, 165

Sweetspot

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



137, 148, 205



230, 233, 255



137, 175, 205



112, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



137, 148, 205



153, 170, 255



157, 137, 205



92, 94, 102



0, 27, 166



0, 6, 38

Inverse Universe

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



205, 137, 150



255, 153, 173



137, 205, 157



102, 92, 94



166, 0, 32



38, 0, 7

Previews

White Background



This preview shows how the RYB color 137, 148, 205 looks on a white background.

Color Contrast Check

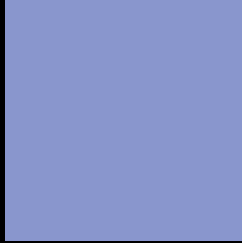
Large Text (above 18pt) WCAG AA × Fail

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 137, 148, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

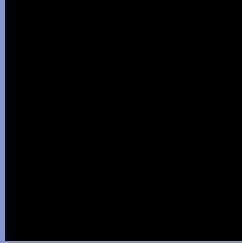
Any Text WCAG AA ✓ Pass

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 137, 148, 205 Background



This preview shows how black text looks on a background with the RYB color 137, 148, 205.



This preview shows how white text looks on a background with the RYB color 137, 148, 205.

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
137, 148, 205

Protanopia
137, 148, 205

Deuteranopia
137, 148, 205



Tritanopia
129, 145, 169

Trichromacy



Original Color
137, 148, 205

Protanomaly
137, 148, 205

Deuteranomaly
137, 148, 205

Tritanomaly
132, 147, 182

Monochromacy



Original Color
137, 148, 205

Achromatopsia
152, 152, 152

Achromatomaly
147, 150, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 148, 205 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(137, 150, 205)` looks like.

```
.text, #text, p{  
    color:rgb(137, 150, 205)  
}
```

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(137, 150, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 150, 205) }
```

Border

The CSS property to change the border of an element to RYB 137, 148, 205 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(137, 150, 205) }
```

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

```
.border{ border-color:rgb(137, 150, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 150, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 150, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 150, 205);  
box-shadow:4px 4px 4px 4px rgb(137, 150,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 137, 148, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 150, 205) }
```

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

```
.background{ background-color: rgb(137,  
150, 205) }
```

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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