

Converting Colors

`RYB(130, 128, 172)`

Have a look what the booklet for
RYB(130, 128, 172) contains.

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Color

R_YB(130, 128, 172)

Conversions

Conversions Part 1

Format	Color
Hex	8280AC
RGB	130, 128, 172
RGB Percent	51%, 50%, 67%
CMY	0.4902, 0.4980, 0.3255
CMYK	0.24, 0.26, 0.00, 0.33
HSL	243°, 21%, 59%
HSV	243°, 26%, 67%
XYZ	24.3715, 23.1627, 42.2161
YIQ	133.6140, -12.9320, 14.1080

Conversions

Conversions Part 2

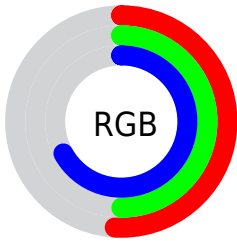
Format	Color
R_{YB}	130, 128, 172
Decimal	8552620
CIE _{Lab}	55.24, 10.58, -23.01
CIE _{LCh}	55, 25.328, 294.702
Yxy	23.1627, 0.2715, 0.2581
Android (android.graphics.Color)	4286742700 (0xFF8280AC)
YUV	133.6140, 18.9243, -3.1695
Hunter-Lab	48.1277, 6.1676, -18.3179

Details

The RYB color **130, 128, 172** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **128, 172, 130**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **184, 181, 228**, and **80, 79, 120** is the 20% darker color. If you saturate the color by 10%, you get **114, 111, 172**, and if you desaturate by 10%, it is **146, 145, 172**.

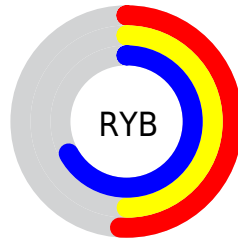
Distribution



Red (51%)

Green (50%)

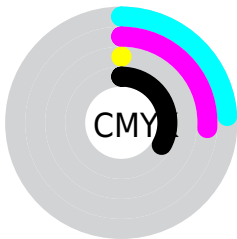
Blue (67%)



Red (51%)

Yellow (50%)

Blue (67%)

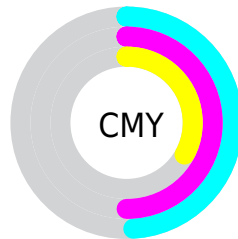


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (49%)

Magenta (50%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 128, 172 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 130, 128, 172 by changing the saturation by 10% instead.

■ 130, 128, 172

255, 255, 255

■ 184, 181, 228

■ 212, 208, 255

■ 240, 237, 255

■ 130, 128, 172

■ 104, 103, 145

■ 80, 79, 120

■ 56, 56, 95

■ 32, 35, 71

■ 10, 14, 48

■ 0, 1, 27

■ 0, 0, 0

■ 130, 128, 172

■ 114, 111, 172

■ 130, 128, 172

■ 146, 145, 172

■ 97, 94, 172

■ 163, 162, 172

■ 81, 76, 172

■ 172, 180, 173

■ 64, 59, 172

■ 172, 197, 173

■ 48, 42, 172

■ 172, 214, 174

■ 31, 25, 172

■ 172, 231, 174

■ 15, 8, 172

■ 172, 248, 175

■ 8, 0, 172

■ 172, 255, 172

Harmonies

Analogous

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



98, 124, 176



130, 128, 172



157, 121, 158

Triad

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



130, 128, 172



168, 136, 97



78, 116, 144

Complementary

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



130, 128, 172



128, 172, 130

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.



103, 139, 142



130, 128, 172



121, 151, 89

Square

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



130, 128, 172



176, 117, 115



92, 136, 99



62, 104, 150

Rectangle

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



130, 128, 172



169, 117, 144



92, 136, 99



86, 123, 144

Sweetspot

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



130, 128, 172



207, 206, 224



128, 150, 172



101, 101, 112



240, 240, 240



112, 112, 112

Same Dimension

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



130, 128, 172



158, 155, 224



151, 128, 172



78, 78, 87



7, 0, 150



1, 0, 23

Inverse Universe

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



172, 128, 170



224, 155, 221



128, 172, 151



87, 78, 86



150, 0, 144



23, 0, 22

Previews

White Background



This preview shows how the RYB color 130, 128, 172 looks on a white background.

Color Contrast Check

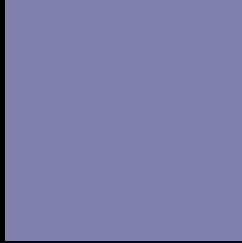
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 128, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

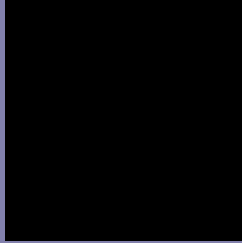
Any Text WCAG AA ✓ Pass

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 130, 128, 172 Background



This preview shows how black text looks on a background with the RYB color 130, 128, 172.



This preview shows how white text looks on a background with the RYB color 130, 128, 172.

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

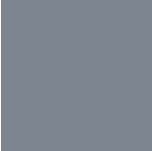
130, 128, 172

Protanopia

120, 129, 174

Deuteranopia

124, 129, 172



Tritanopia
125, 131, 144

Trichromacy



Original Color

130, 128, 172

Protanomaly

124, 129, 173

Deuteranomaly

126, 129, 172

Tritanomaly

127, 130, 154

Monochromacy



Original Color

130, 128, 172

Achromatopsia

134, 134, 134

Achromatomaly

133, 132, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 128, 172 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(130, 128, 172)` looks like.

```
.text, #text, p{  
    color:rgb(130, 128, 172)  
}
```

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(130, 128, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 128, 172) }
```

Border

The CSS property to change the border of an element to RYB 130, 128, 172 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(130, 128, 172) }
```

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

```
.border{ border-color:rgb(130, 128, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 128, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 128, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 128, 172); box-shadow:4px 4px 4px 4px rgb(130, 128, 172) }
```

Background

The CSS property to change the background color of an element to RYB 130, 128, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 128, 172) }
```

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

```
.background{ background-color: rgb(130,  
128, 172) }
```

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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