

Converting Colors

`RYB(130, 104, 173)`

Have a look what the booklet for
RYB(130, 104, 173) contains.

RYB(130, 104, 173)	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(130, 104, 173)

Conversions

Conversions Part 1

Format	Color
Hex	8268AD
RGB	130, 104, 173
RGB Percent	51%, 41%, 68%
CMY	0.4902, 0.5922, 0.3216
CMYK	0.25, 0.40, 0.00, 0.32
HSL	263°, 30%, 54%
HSV	263°, 40%, 68%
XYZ	21.6991, 17.6636, 41.8009
YIQ	119.6400, -6.6530, 26.9710

Conversions

Conversions Part 2

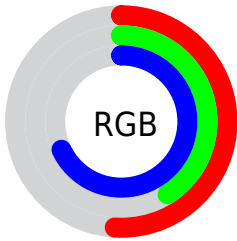
Format	Color
R_{YB}	130, 104, 173
Decimal	8546477
CIE _{Lab}	49.09, 25.05, -33.14
CIE _{LCh}	49, 41.542, 307.081
Yxy	17.6636, 0.2673, 0.2176
Android (android.graphics.Color)	4286736557 (0xFF8268AD)
YUV	119.6400, 26.3065, 9.0857
Hunter-Lab	42.0281, 18.6103, -29.5499

Details

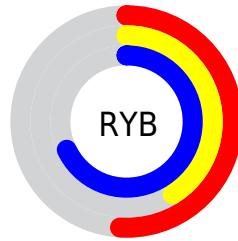
The RYB color **130, 104, 173** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **104, 173, 130**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **184, 155, 229**, and **79, 56, 120** is the 20% darker color. If you saturate the color by 10%, you get **119, 87, 173**, and if you desaturate by 10%, it is **141, 121, 173**.

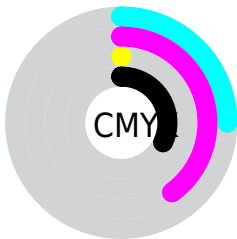
Distribution



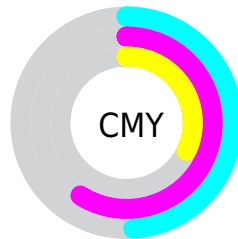
- Red (51%)
- Green (41%)
- Blue (68%)



- Red (51%)
- Yellow (41%)
- Blue (68%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (59%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 104, 173 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, 104, 173 by changing the saturation by 10% instead.

■ 130, 104, 173

255, 255, 255

■ 184, 155, 229

■ 212, 182, 255

■ 241, 210, 255

■ 255, 239, 255

■ 130, 104, 173

■ 104, 80, 146

■ 79, 56, 120

■ 54, 34, 95

■ 29, 13, 71

■ 9, 0, 48

■ 0, 1, 26

■ 0, 0, 0

■ 130, 104, 173

■ 119, 87, 173

■ 130, 104, 173

■ 141, 121, 173

108, 69, 173

152, 139, 173

98, 52, 173

162, 156, 173

87, 35, 173

173, 173, 173

76, 18, 173

173, 191, 180

65, 0, 173

173, 208, 186

173, 225, 193

173, 242, 199

173, 255, 201

Harmonies

Analogous

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



68, 103, 186



130, 104, 173



166, 91, 145

Triad

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



130, 104, 173



159, 159, 51



0, 70, 134

Complementary

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



130, 104, 173



104, 173, 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.



37, 99, 132



130, 104, 173



57, 129, 43

Square

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



130, 104, 173



178, 95, 76



58, 127, 93



0, 72, 158

Rectangle

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



130, 104, 173



179, 86, 122



58, 127, 93



0, 73, 134

Sweetspot

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



130, 104, 173



208, 197, 224



104, 131, 173



102, 96, 112



240, 240, 240



112, 112, 112

Same Dimension

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



130, 104, 173



157, 117, 224



164, 104, 173



81, 78, 87



57, 0, 150



9, 0, 23

Inverse Universe

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



173, 104, 147



224, 117, 184



104, 173, 164



87, 78, 83



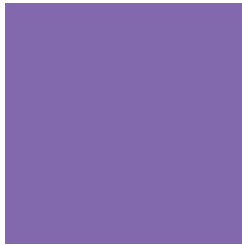
150, 0, 94



23, 0, 14

Previews

White Background



This preview shows how the RYB color 130, 104, 173 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 130, 104, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

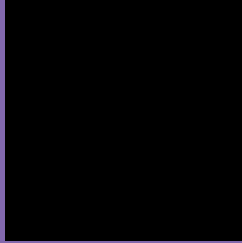
Any Text WCAG AA ✓ Pass

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, 104, 173 Background



This preview shows how black text looks on a background with the RYB color 130, 104, 173.

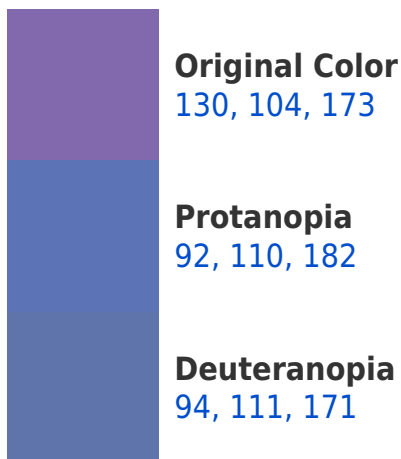



This preview shows how white text looks on a background with the RYB color 130, 104, 173.

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
121, 115, 124

Trichromacy



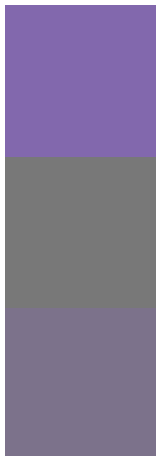
Original Color
130, 104, 173

Protanomaly
106, 111, 179

Deuteranomaly
107, 112, 172

Tritanomaly
124, 111, 142

Monochromacy



Original Color
130, 104, 173

Achromatopsia
120, 120, 120

Achromatomaly
124, 114, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 104, 173 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, 104, 173)` looks like.

```
.text, #text, p{  
    color:rgb(130, 104, 173)  
}
```

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, 104, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 104, 173) }
```

Border

The CSS property to change the border of an element to RYB 130, 104, 173 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, 104, 173) }
```

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

```
.border{ border-color:rgb(130, 104, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 104, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 104, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 104, 173);  
box-shadow:4px 4px 4px 4px rgb(130, 104,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 130, 104, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 104, 173) }
```

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

```
.background{ background-color: rgb(130,  
104, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor