

Converting Colors

`RYB(140, 122, 205)`

Have a look what the booklet for
RYB(140, 122, 205) contains.

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Color

R_YB(140, 122, 205)

Conversions

Conversions Part 1

Format	Color
Hex	8C7ACD
RGB	140, 122, 205
RGB Percent	55%, 48%, 80%
CMY	0.4510, 0.5216, 0.1961
CMYK	0.32, 0.40, 0.00, 0.20
HSL	253°, 45%, 64%
HSV	253°, 40%, 80%
XYZ	28.7942, 23.9023, 60.8536
YIQ	136.8440, -15.9150, 29.6290

Conversions

Conversions Part 2

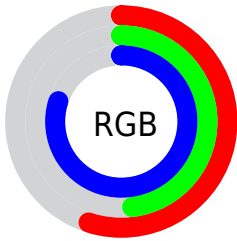
Format	Color
RYB	140, 122, 205
Decimal	9206477
CIELab	55.99, 25.51, -40.62
CIELCh	56, 47.967, 302.126
Yxy	23.9023, 0.2536, 0.2105
Android (android.graphics.Color)	4287396557 (0xFF8C7ACD)
YUV	136.8440, 33.6009, 2.7678
Hunter-Lab	48.8900, 19.5718, -39.5756

Details

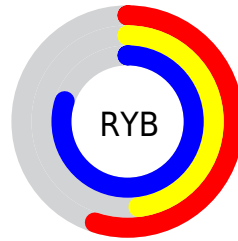
The RYB color **140, 122, 205** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **122, 205, 140**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **195, 175, 255**, and **87, 73, 150** is the 20% darker color. If you saturate the color by 10%, you get **124, 102, 205**, and if you desaturate by 10%, it is **156, 143, 205**.

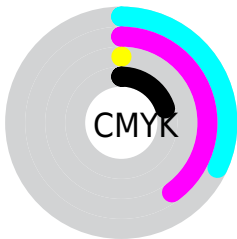
Distribution



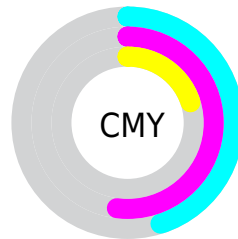
- Red (55%)
- Green (48%)
- Blue (80%)



- Red (55%)
- Yellow (48%)
- Blue (80%)



- Cyan (32%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 122, 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 140, 122, 205 by changing the saturation by 10% instead.


 140, 122, 205

255, 255, 255

 195, 175, 255

 224, 202, 255

 253, 230, 255


 140, 122, 205

 113, 97, 177


 87, 73, 150

 61, 50, 124

 34, 29, 99

 0, 7, 74


 0, 0, 51

 0, 2, 29

 0, 0, 0


 140, 122, 205

 140, 122, 205

 124, 102, 205

 156, 143, 205

 108, 81, 205

 172, 163, 205

 92, 61, 205


 188, 184, 205

 76, 40, 205

 204, 204, 205

 60, 20, 205

 205, 225, 210

 44, 0, 205

 205, 245, 214

 205, 255, 208

 205, 255, 205

Harmonies

Analogous

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



53, 109, 217



140, 122, 205



188, 106, 174

Triad

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



140, 122, 205



188, 166, 60



0, 83, 155

Complementary

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



140, 122, 205



122, 205, 140

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.



53, 124, 152



140, 122, 205



74, 155, 46

Square

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



140, 122, 205



208, 104, 92



60, 145, 93



0, 82, 177

Rectangle

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



140, 122, 205



205, 99, 147



60, 145, 93



0, 86, 154

Sweetspot

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



140, 122, 205



231, 224, 255



122, 158, 205



114, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 122, 205



157, 130, 255



181, 122, 205



94, 92, 102



36, 0, 166



8, 0, 38

Inverse Universe

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



205, 122, 187



255, 130, 228



122, 205, 181



102, 92, 100



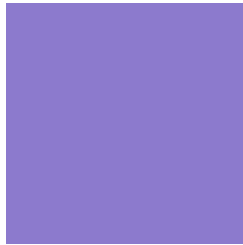
166, 0, 130



38, 0, 30

Previews

White Background



This preview shows how the RYB color 140, 122, 205 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 140, 122, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

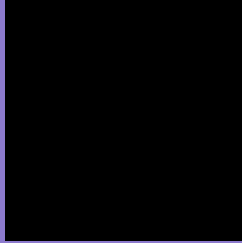
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 140, 122, 205 Background



This preview shows how black text looks on a background with the RYB color 140, 122, 205.

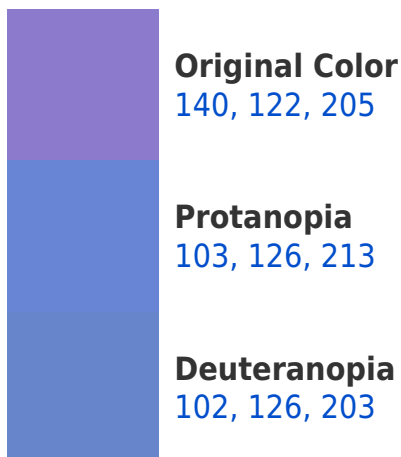


This preview shows how white text looks on a background with the RYB color 140, 122, 205.

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





Tritanopia

128, 133, 145

Trichromacy



Original Color

140, 122, 205

Protanomaly

116, 127, 210

Deuteranomaly

116, 128, 204

Tritanomaly

132, 130, 167

Monochromacy



Original Color

140, 122, 205

Achromatopsia

137, 137, 137

Achromatomaly

138, 132, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 122, 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(140, 122, 205) looks like.

```
.text, #text, p{  
    color:rgb(140, 122, 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(140, 122, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 122, 205) }
```

Border

The CSS property to change the border of an element to RYB 140, 122, 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(140, 122, 205) }
```

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

```
.border{ border-color:rgb(140, 122, 205) }
```

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

Here you see how a box with a 4 pixel rgb(140, 122, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 122, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 122, 205);  
box-shadow:4px 4px 4px 4px rgb(140, 122,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 140, 122, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 122, 205) }
```

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

```
.background{ background-color: rgb(140,  
122, 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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