

Converting Colors

`RYB(160, 140, 201)`

Have a look what the booklet for
RYB(160, 140, 201) contains.

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Color

R_YB(160, 140, 201)

Conversions

Conversions Part 1

Format	Color
Hex	A08CC9
RGB	160, 140, 201
RGB Percent	63%, 55%, 79%
CMY	0.3725, 0.4510, 0.2118
CMYK	0.20, 0.30, 0.00, 0.21
HSL	260°, 36%, 67%
HSV	260°, 30%, 79%
XYZ	34.4179, 30.4468, 59.3211
YIQ	152.9340, -7.6610, 23.2110

Conversions

Conversions Part 2

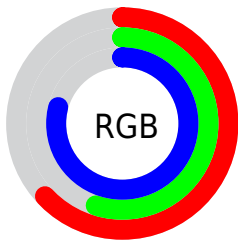
Format	Color
RYB	160, 140, 201
Decimal	10521801
CIELab	62.04, 20.01, -28.80
CIELCh	62, 35.071, 304.797
Yxy	30.4468, 0.2771, 0.2452
Android (android.graphics.Color)	4288711881 (0xFFA08CC9)
YUV	152.9340, 23.6965, 6.1969
Hunter-Lab	55.1786, 14.7776, -25.1162

Details

The RYB color **160, 140, 201** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **140, 201, 160**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **215, 194, 255**, and **107, 90, 147** is the 20% darker color. If you saturate the color by 10%, you get **146, 120, 201**, and if you desaturate by 10%, it is **174, 160, 201**.

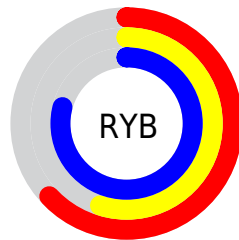
Distribution



Red (63%)

Green (55%)

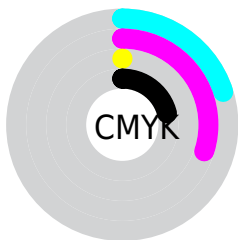
Blue (79%)



Red (63%)

Yellow (55%)

Blue (79%)

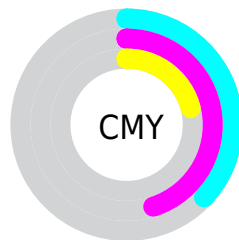


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (21%)



Cyan (37%)


Magenta (45%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 140, 201 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 160, 140, 201 by changing the saturation by 10% instead.


 160, 140, 201


255, 255, 255

 215, 194, 255

 244, 222, 255

 255, 250, 255

 160, 140, 201


 133, 114, 173

 107, 90, 147

 82, 66, 121


 58, 44, 96


 34, 23, 72

 15, 0, 49

 0, 1, 27

 0, 0, 0

 160, 140, 201

 160, 140, 201

■ 146, 120, 201

■ 174, 160, 201

■ 133, 100, 201

■ 187, 180, 201

■ 119, 80, 201

■ 201, 200, 201

■ 106, 60, 201

■ 201, 220, 207

■ 92, 40, 201

■ 201, 241, 214

■ 79, 19, 201

■ 201, 255, 215

■ 66, 0, 201

■ 201, 255, 201

Harmonies

Analogous

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



113, 140, 212



160, 140, 201



193, 130, 177

Triad

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



160, 140, 201



192, 177, 94



49, 111, 167

Complementary

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



160, 140, 201



140, 201, 160

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.



94, 144, 164



160, 140, 201



106, 165, 87

Square

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



160, 140, 201



208, 131, 116



98, 159, 125



0, 87, 184

Rectangle

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



160, 140, 201



206, 126, 157



98, 159, 125



65, 122, 166

Sweetspot

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



160, 140, 201



240, 232, 255



140, 165, 201



118, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



160, 140, 201



193, 163, 255



190, 140, 201



93, 90, 99



54, 0, 163



12, 0, 36

Inverse Universe

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



201, 140, 181



255, 163, 225



140, 201, 190



99, 90, 96



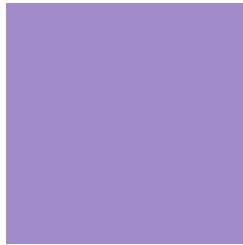
163, 0, 110



36, 0, 24

Previews

White Background



This preview shows how the RYB color 160, 140, 201 looks on a white background.

Color Contrast Check

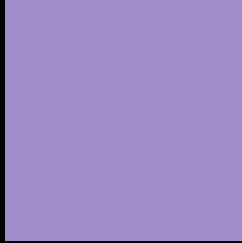
Large Text (above 18pt) WCAG AA × Fail

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 160, 140, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

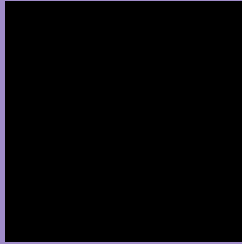
Any Text WCAG AA ✓ Pass

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 160, 140, 201 Background



This preview shows how black text looks on a background with the RYB color 160, 140, 201.



This preview shows how white text looks on a background with the RYB color 160, 140, 201.

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
160, 140, 201

Protanopia
132, 145, 207

Deuteranopia
137, 146, 199



Tritanopia
153, 148, 160

Trichromacy



Original Color

160, 140, 201

Protanomaly

142, 145, 205

Deuteranomaly

145, 145, 200

Tritanomaly

156, 145, 175

Monochromacy



Original Color

160, 140, 201

Achromatopsia

153, 153, 153

Achromatomaly

156, 148, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 140, 201 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(160, 140, 201)` looks like.

```
.text, #text, p{  
    color:rgb(160, 140, 201)  
}
```

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(160, 140, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 140, 201) }
```

Border

The CSS property to change the border of an element to RYB 160, 140, 201 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(160, 140, 201) }
```

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

```
.border{ border-color:rgb(160, 140, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 140, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 140, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 140, 201);  
box-shadow:4px 4px 4px 4px rgb(160, 140,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 160, 140, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 140, 201) }
```

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

```
.background{ background-color: rgb(160,  
140, 201) }
```

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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