

Converting Colors

`RYB(166, 162, 175)`

Have a look what the booklet for RYB(166, 162, 175) contains.

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Color

R_YB(166, 162, 175)

Conversions

Conversions Part 1

Format	Color
Hex	A6A2AF
RGB	166, 162, 175
RGB Percent	65%, 64%, 69%
CMY	0.3490, 0.3647, 0.3137
CMYK	0.05, 0.07, 0.00, 0.31
HSL	258°, 8%, 66%
HSV	258°, 7%, 69%
XYZ	36.3841, 37.0428, 45.7898
YIQ	164.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

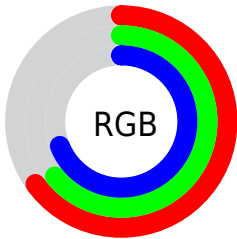
Format	Color
RYB	166, 162, 175
Decimal	10920623
CIELab	67.31, 3.95, -6.21
CIELCh	67, 7.358, 302.508
Yxy	37.0428, 0.3052, 0.3107
Android (android.graphics.Color)	4289110703 (0xFFA6A2AF)
YUV	164.6780, 5.0887, 1.1594
Hunter-Lab	60.8628, 0.1983, -2.0025

Details

The RYB color **166, 162, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 175, 166**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **221, 217, 231**, and **114, 110, 123** is the 20% darker color. If you saturate the color by 10%, you get **154, 145, 175**, and if you desaturate by 10%, it is **175, 179, 176**.

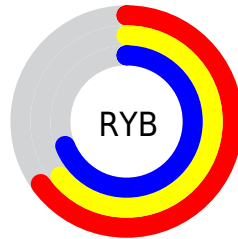
Distribution



Red (65%)

Green (64%)

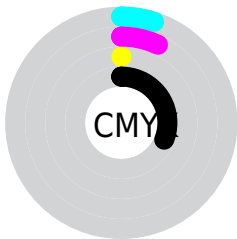
Blue (69%)



Red (65%)

Yellow (64%)

Blue (69%)

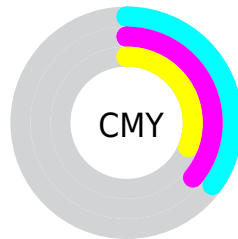


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 162, 175 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 166, 162, 175 by changing the saturation by 10% instead.


 166, 162, 175

255, 255, 255

 221, 217, 231

 250, 245, 255

 166, 162, 175


 140, 136, 148

 114, 110, 123

 90, 86, 98

 66, 63, 74


 44, 41, 51

 23, 21, 30

 0, 0, 4

 0, 0, 0

 166, 162, 175

 166, 162, 175

■ 154, 145, 175

■ 175, 179, 176

■ 142, 127, 175

■ 175, 197, 182

■ 130, 110, 175

■ 175, 214, 187

■ 118, 92, 175

■ 175, 232, 193

■ 105, 75, 175

■ 175, 250, 198

■ 93, 57, 175

■ 175, 255, 191

■ 81, 39, 175

■ 175, 255, 179

■ 69, 22, 175

■ 175, 255, 175

■ 57, 4, 175

Harmonies

Analogous

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



158, 163, 177



166, 162, 175



173, 160, 170

Triad

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



166, 162, 175



175, 167, 152



149, 160, 168

Complementary

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



166, 162, 175



162, 175, 166

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.



154, 164, 167



166, 162, 175



158, 169, 151

Square

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



166, 162, 175



178, 161, 157



153, 166, 158



148, 159, 171

Rectangle

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



166, 162, 175



177, 160, 166



153, 166, 158



150, 161, 168

Sweetspot

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



166, 162, 175



224, 222, 227



162, 167, 175



113, 112, 115



242, 242, 242



115, 115, 115

Same Dimension

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



166, 162, 175



213, 207, 227



172, 162, 175



81, 78, 87



46, 0, 150



7, 0, 23

Inverse Universe

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



175, 162, 171



227, 207, 221



162, 175, 172



87, 78, 84



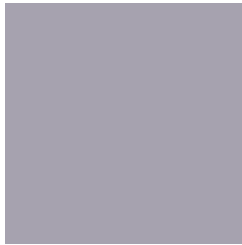
150, 0, 104



23, 0, 16

Previews

White Background



This preview shows how the RYB color 166, 162, 175 looks on a white background.

Color Contrast Check

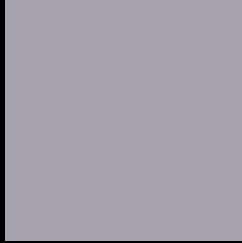
Large Text (above 18pt) WCAG AA × Fail

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 166, 162, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

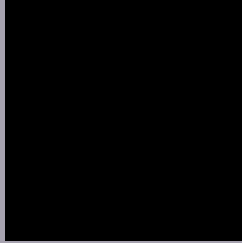
Any Text WCAG AA ✓ Pass

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 166, 162, 175 Background



This preview shows how black text looks on a background with the RYB color 166, 162, 175.

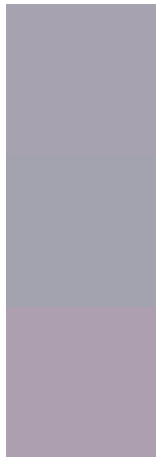


This preview shows how white text looks on a background with the RYB color 166, 162, 175.

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


166, 162, 175

Protanopia

163, 163, 175

Deuteranopia

174, 159, 176



Tritanopia

166, 162, 175

Trichromacy



Original Color

166, 162, 175

Protanomaly

164, 163, 175

Deuteranomaly

171, 160, 176

Tritanomaly

166, 162, 175

Monochromacy



Original Color

166, 162, 175

Achromatopsia

165, 165, 165

Achromatomaly

165, 164, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 166, 162, 175 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(166, 162, 175) looks like.

```
.text, #text, p{  
    color:rgb(166, 162, 175)  
}
```

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(166, 162, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 162, 175) }
```

Border

The CSS property to change the border of an element to RYB 166, 162, 175 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(166, 162, 175) }
```

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

```
.border{ border-color:rgb(166, 162, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 162, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 162, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 162, 175);  
box-shadow:4px 4px 4px 4px rgb(166, 162,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 166, 162, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 162, 175) }
```

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

```
.background{ background-color: rgb(166,  
162, 175) }
```

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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