

Converting Colors

`RYB(160, 125, 175)`

Have a look what the booklet for
RYB(160, 125, 175) contains.

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Color

$\text{RYB}(160, 125, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	A07DAF
RGB	160, 125, 175
RGB Percent	63%, 49%, 69%
CMY	0.3725, 0.5098, 0.3137
CMYK	0.09, 0.29, 0.00, 0.31
HSL	282°, 24%, 59%
HSV	282°, 29%, 69%
XYZ	29.5687, 25.2360, 43.8700
YIQ	141.1650, 4.8100, 22.9700

Conversions

Conversions Part 2

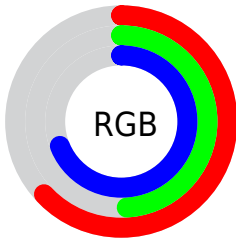
Format	Color
RYB	160, 125, 175
Decimal	10517935
CIELab	57.30, 22.82, -21.33
CIElCh	57, 31.240, 316.938
Yxy	25.2360, 0.2997, 0.2557
Android (android.graphics.Color)	4288708015 (0xFFA07DAF)
YUV	141.1650, 16.6807, 16.5183
Hunter-Lab	50.2354, 17.1536, -16.6125

Details

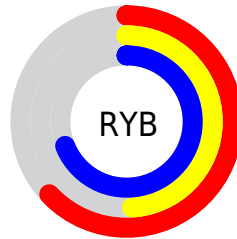
The RYB color **160, 125, 175** is a light color, and the websafe version is hex **996699**. A complement of this color would be **125, 175, 160**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **215, 178, 231**, and **108, 76, 122** is the 20% darker color. If you saturate the color by 10%, you get **155, 107, 175**, and if you desaturate by 10%, it is **165, 143, 175**.

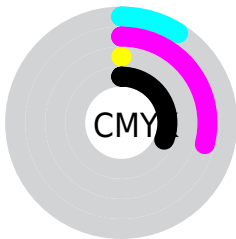
Distribution



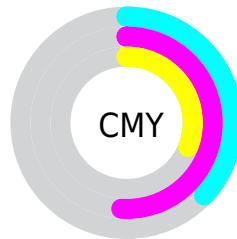
- Red (63%)
- Green (49%)
- Blue (69%)



- Red (63%)
- Yellow (49%)
- Blue (69%)



- Cyan (9%)
- Magenta (29%)
- Yellow (0%)
- Black (31%)



- Cyan (37%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 125, 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 160, 125, 175 by changing the saturation by 10% instead.

 160, 125, 175

255, 255, 255

 215, 178, 231

 244, 206, 255

 255, 234, 255

 160, 125, 175


 133, 100, 148

 108, 76, 122

 83, 52, 97

 59, 30, 73

 36, 9, 51

 10, 0, 30

 0, 0, 0

 160, 125, 175

 155, 107, 175

 160, 125, 175

 165, 143, 175

150, 90, 175

171, 160, 175

144, 73, 175

175, 178, 177

139, 55, 175

175, 195, 189

134, 37, 175

175, 212, 201

129, 20, 175

175, 230, 213

123, 2, 175

175, 247, 225

123, 0, 175

175, 255, 228

175, 255, 223

Harmonies

Analogous

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



123, 133, 190



160, 125, 175



183, 118, 151

Triad

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



160, 125, 175



144, 166, 85



39, 96, 152

Complementary

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



160, 125, 175



125, 175, 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.



75, 121, 151



160, 125, 175



85, 141, 86

Square

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



160, 125, 175



185, 132, 99



99, 148, 138



35, 99, 177

Rectangle

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



160, 125, 175



190, 116, 132



99, 148, 138



51, 104, 152

Sweetspot

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



160, 125, 175



221, 207, 227



125, 137, 175



111, 102, 115



242, 242, 242



115, 115, 115

Same Dimension

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



160, 125, 175



204, 150, 227



175, 125, 165



84, 78, 87



105, 0, 150



16, 0, 23

Inverse Universe

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



175, 125, 140



227, 150, 173



125, 167, 175



87, 78, 81



150, 0, 45



23, 0, 7

Previews

White Background



This preview shows how the RYB color 160, 125, 175 looks on a white background.

Color Contrast Check

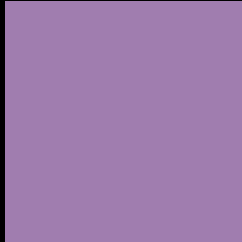
Large Text (above 18pt) WCAG AA ✓ Pass

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 160, 125, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

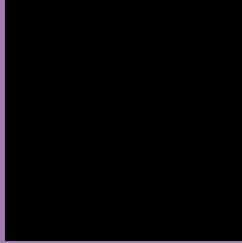
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 160, 125, 175 Background



This preview shows how black text looks on a background with the RYB color 160, 125, 175.



This preview shows how white text looks on a background with the RYB color 160, 125, 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
160, 125, 175

Protanopia
125, 134, 183

Deuteranopia
133, 135, 173



Tritanopia
155, 131, 142

Trichromacy



Original Color
160, 125, 175

Protanomaly
138, 132, 180

Deuteranomaly
143, 131, 174

Tritanomaly
157, 129, 154

Monochromacy



Original Color
160, 125, 175

Achromatopsia
141, 141, 141

Achromatomaly
148, 135, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 125, 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(160, 125, 175)` looks like.

```
.text, #text, p{  
    color:rgb(160, 125, 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(160, 125, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 125, 175) }
```

Border

The CSS property to change the border of an element to RYB 160, 125, 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(160, 125, 175) }
```

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

```
.border{ border-color:rgb(160, 125, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 125, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 125, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 125, 175);  
box-shadow:4px 4px 4px 4px rgb(160, 125,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 160, 125, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 125, 175) }
```

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

```
.background{ background-color: rgb(160,  
125, 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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