

Converting Colors

`RYB(160, 125, 145)`

Have a look what the booklet for
RYB(160, 125, 145) contains.

RYB(160, 125, 145)	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(160, 125, 145)

Conversions

Conversions Part 1

Format	Color
Hex	A07D91
RGB	160, 125, 145
RGB Percent	63%, 49%, 57%
CMY	0.3725, 0.5098, 0.4314
CMYK	0.00, 0.22, 0.09, 0.37
HSL	326°, 16%, 56%
HSV	326°, 22%, 63%
XYZ	26.9417, 24.1851, 30.0363
YIQ	137.7450, 14.4400, 13.6400

Conversions

Conversions Part 2

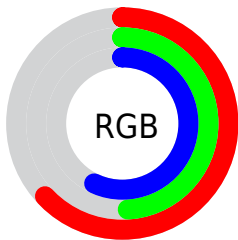
Format	Color
R_{YB}	160, 125, 145
Decimal	10517905
CIE _{Lab}	56.27, 16.93, -5.59
CIE _{LCh}	56, 17.825, 341.736
Yxy	24.1851, 0.3319, 0.2980
Android (android.graphics.Color)	4288707985 (0xFFA07D91)
YUV	137.7450, 3.5767, 19.5176
Hunter-Lab	49.1784, 11.7264, -1.7872

Details

The RYB color **160, 125, 145** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125, 150, 160**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **215, 178, 199**, and **108, 76, 95** is the 20% darker color. If you saturate the color by 10%, you get **160, 109, 138**, and if you desaturate by 10%, it is **160, 141, 152**.

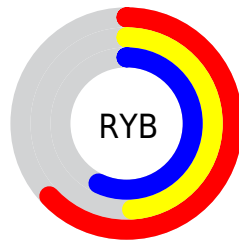
Distribution



Red (63%)

Green (49%)

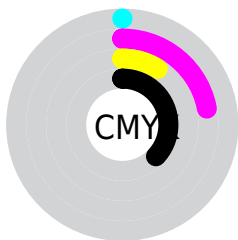
Blue (57%)



Red (63%)

Yellow (49%)

Blue (57%)

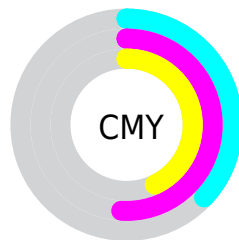


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (37%)



Cyan (37%)


Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 125, 145 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, 145 by changing the saturation by 10% instead.


 160, 125, 145


255, 255, 255

 215, 178, 199

 244, 205, 227

 255, 234, 255

 160, 125, 145

 134, 100, 119

 108, 76, 95

 83, 53, 71

 60, 31, 49


 38, 10, 28


 2, 0, 0

 0, 0, 0

 160, 125, 145

 160, 109, 138

 160, 125, 145

 160, 141, 152

160, 93, 131

160, 157, 159

160, 77, 124

160, 169, 173

160, 61, 118

160, 181, 189

160, 45, 111

160, 192, 205

160, 29, 104

160, 203, 221

160, 13, 97

160, 214, 237

160, 0, 91

160, 225, 253

160, 224, 255

Harmonies

Analogous

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



145, 129, 158



160, 125, 145



167, 124, 129

Triad

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



160, 125, 145



110, 140, 105



93, 121, 155

Complementary

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



160, 125, 145



125, 150, 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, 120, 144



160, 125, 145



111, 140, 128

Square

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



160, 125, 145



153, 155, 106



106, 130, 143



105, 127, 164

Rectangle

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



160, 125, 145



166, 126, 119



106, 130, 143



92, 119, 151

Sweetspot

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



160, 125, 145



209, 194, 203



140, 125, 160



105, 96, 101



232, 232, 232



105, 105, 105

Same Dimension

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



160, 125, 145



209, 155, 186



160, 125, 128



79, 71, 76



143, 0, 82



15, 0, 9

Inverse Universe

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



160, 125, 145



209, 155, 186



125, 143, 160



79, 71, 76



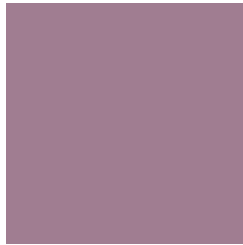
143, 0, 82



15, 0, 9

Previews

White Background



This preview shows how the RYB color 160, 125, 145 looks on a white background.

Color Contrast Check

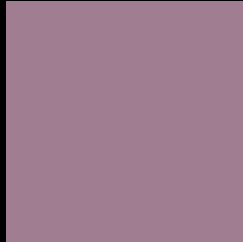
Large Text (above 18pt) WCAG AA ✓ Pass

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, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

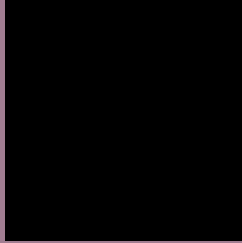
Any Text WCAG AA ✓ Pass

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, 145 Background



This preview shows how black text looks on a background with the RYB color 160, 125, 145.



This preview shows how white text looks on a background with the RYB color 160, 125, 145.

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, 145

Protanopia

133, 134, 151

Deuteranopia

144, 131, 144



Tritanopia
159, 126, 136

Trichromacy



Original Color
160, 125, 145

Protanomaly
143, 131, 149

Deuteranomaly
150, 129, 144

Tritanomaly
159, 126, 139

Monochromacy



Original Color
160, 125, 145

Achromatopsia
138, 138, 138

Achromatomaly
146, 133, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 125, 145 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, 145) looks like.

```
.text, #text, p{  
    color:rgb(160, 125, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 125, 145) }
```

Border

The CSS property to change the border of an element to RYB 160, 125, 145 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, 145) }
```

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

```
.border{ border-color:rgb(160, 125, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 125, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 125, 145);  
box-shadow:4px 4px 4px 4px rgb(160, 125,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 160, 125, 145 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, 145) }
```

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

```
.background{ background-color: rgb(160,  
125, 145) }
```

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