

Converting Colors

`RYB(167, 50, 125)`

Have a look what the booklet for
RYB(167, 50, 125) contains.

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Color

R_YB(167, 50, 125)

Conversions

Conversions Part 1

Format	Color
Hex	A7327D
RGB	167, 50, 125
RGB Percent	65%, 20%, 49%
CMY	0.3451, 0.8039, 0.5098
CMYK	0.00, 0.70, 0.25, 0.35
HSL	322°, 54%, 43%
HSV	322°, 70%, 65%
XYZ	20.7786, 11.9774, 20.6187
YIQ	93.5330, 45.6570, 48.1290

Conversions

Conversions Part 2

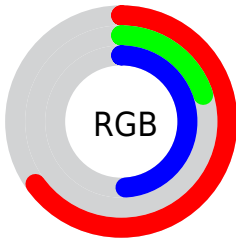
Format	Color
R_{YB}	167, 50, 125
Decimal	10957437
CIE _{Lab}	41.18, 54.74, -16.26
CIE _{LCh}	41, 57.104, 343.453
Yxy	11.9774, 0.3893, 0.2244
Android (android.graphics.Color)	4289147517 (0xFFA7327D)
YUV	93.5330, 15.5132, 64.4306
Hunter-Lab	34.6083, 46.6057, -11.0976

Details

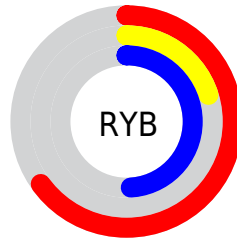
The RYB color **167, 50, 125** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **50, 136, 167**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **225, 106, 178**, and **111, 0, 76** is the 20% darker color. If you saturate the color by 10%, you get **167, 33, 119**, and if you desaturate by 10%, it is **167, 67, 131**.

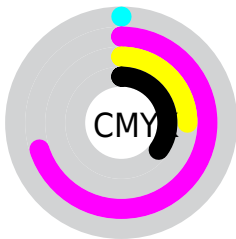
Distribution



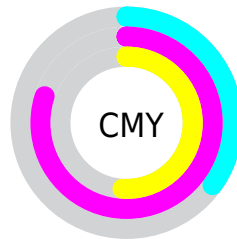
- Red (65%)
- Green (20%)
- Blue (49%)



- Red (65%)
- Yellow (20%)
- Blue (49%)



- Cyan (0%)
- Magenta (70%)
- Yellow (25%)
- Black (35%)



- Cyan (35%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 50, 125 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 167, 50, 125 by changing the saturation by 10% instead.

 167, 50, 125

 167, 50, 125

255, 255, 255

 139, 15, 100

 225, 106, 178

 111, 0, 76

 255, 133, 205

 84, 0, 53

 255, 161, 233

 59, 0, 32

 255, 189, 255

 30, 0, 3

 255, 218, 255

 0, 0, 0

 255, 247, 255

 167, 50, 125

 167, 50, 125

 167, 33, 119

 167, 67, 131

■ 167, 17, 113

■ 167, 83, 137

■ 167, 0, 107

■ 167, 100, 143

■ 167, 117, 149

■ 167, 133, 155

■ 167, 150, 161

■ 167, 167, 167

■ 167, 180, 184

■ 167, 191, 200

Harmonies

Analogous

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



125, 74, 166



167, 50, 125



179, 44, 78

Triad

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



167, 50, 125



0, 102, 4



0, 67, 161

Complementary

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



167, 50, 125



50, 136, 167

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.



0, 59, 118



167, 50, 125



18, 111, 88

Square

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



167, 50, 125



88, 139, 0



0, 73, 116



0, 69, 187

Rectangle

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



167, 50, 125



174, 57, 48



0, 73, 116



0, 65, 148

Sweetspot

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



167, 50, 125



217, 171, 200



91, 50, 167



110, 82, 100



237, 237, 237



110, 110, 110

Same Dimension

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



167, 50, 125



217, 35, 151



167, 50, 68



84, 76, 81



148, 0, 95



20, 0, 13

Inverse Universe

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



167, 50, 125



217, 35, 151



50, 113, 167



84, 76, 81



148, 0, 95



20, 0, 13

Previews

White Background



This preview shows how the RYB color 167, 50, 125 looks on a white 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

Black Background



This preview shows how the RYB color 167, 50, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

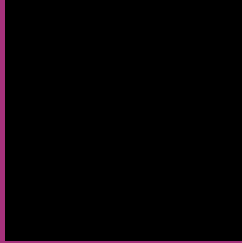
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 167, 50, 125 Background



This preview shows how black text looks on a background with the RYB color 167, 50, 125.



This preview shows how white text looks on a background with the RYB color 167, 50, 125.

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
167, 50, 125

Protanopia
73, 91, 160

Deuteranopia
97, 96, 119



Tritanopia
162, 66, 70

Trichromacy



Original Color

167, 50, 125

Protanomaly

107, 79, 147

Deuteranomaly

122, 79, 121

Tritanomaly

164, 60, 90

Monochromacy



Original Color

167, 50, 125

Achromatopsia

94, 94, 94

Achromatomaly

121, 78, 105

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 50, 125 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(167, 50, 125)` looks like.

```
.text, #text, p{  
    color:rgb(167, 50, 125)  
}
```

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(167, 50, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 50, 125) }
```

Border

The CSS property to change the border of an element to RYB 167, 50, 125 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(167, 50, 125) }
```

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

```
.border{ border-color:rgb(167, 50, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 50, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 50, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 50, 125);  
box-shadow:4px 4px 4px 4px rgb(167, 50,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 167, 50, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 50, 125) }
```

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

```
.background{ background-color: rgb(167, 50,  
125) }
```

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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