

Converting Colors

`RYB(125, 105, 166)`

Have a look what the booklet for
RYB(125, 105, 166) contains.

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Color

R_YB(125, 105, 166)

Conversions

Conversions Part 1

Format	Color
Hex	7D69A6
RGB	125, 105, 166
RGB Percent	49%, 41%, 65%
CMY	0.5098, 0.5882, 0.3490
CMYK	0.25, 0.37, 0.00, 0.35
HSL	260°, 26%, 53%
HSV	260°, 37%, 65%
XYZ	20.3920, 17.2163, 38.3247
YIQ	117.9340, -7.6610, 23.2110

Conversions

Conversions Part 2

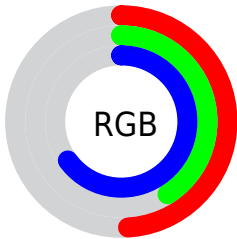
Format	Color
R_{YB}	125, 105, 166
Decimal	8219046
CIE _{Lab}	48.53, 21.17, -29.95
CIE _{LCh}	49, 36.678, 305.258
Yxy	17.2163, 0.2686, 0.2267
Android (android.graphics.Color)	4286409126 (0xFF7D69A6)
YUV	117.9340, 23.6965, 6.1969
Hunter-Lab	41.4925, 15.1139, -25.7186

Details

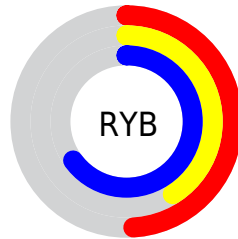
The RYB color **125, 105, 166** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **105, 166, 125**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **179, 156, 221**, and **74, 58, 114** is the 20% darker color. If you saturate the color by 10%, you get **114, 88, 166**, and if you desaturate by 10%, it is **136, 122, 166**.

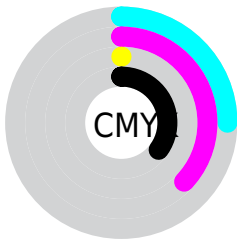
Distribution



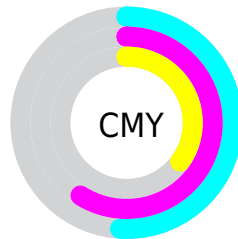
- Red (49%)
- Green (41%)
- Blue (65%)



- Red (49%)
- Yellow (41%)
- Blue (65%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (59%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 105, 166 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 125, 105, 166 by changing the saturation by 10% instead.

■ 125, 105, 166

255, 255, 255

■ 179, 156, 221

■ 207, 183, 250

■ 235, 211, 255

■ 255, 239, 255

■ 125, 105, 166

■ 99, 81, 139

■ 74, 58, 114

■ 50, 36, 89

■ 26, 15, 65

■ 1, 0, 43

■ 0, 1, 21


■ 0, 0, 0

■ 125, 105, 166

■ 114, 88, 166

■ 125, 105, 166

■ 136, 122, 166


 103, 72, 166

 147, 138, 166

 92, 55, 166


 158, 155, 166

 80, 39, 166

 166, 171, 167

 69, 22, 166

 166, 188, 173

 58, 5, 166

 166, 205, 179

 54, 0, 166

 166, 221, 184

 166, 238, 190

 166, 254, 195

Harmonies

Analogous

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



73, 104, 177



125, 105, 166



158, 94, 142

Triad

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



125, 105, 166



155, 144, 59



0, 68, 131

Complementary

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



125, 105, 166



105, 166, 125

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.



54, 106, 129



125, 105, 166



69, 129, 52

Square

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



125, 105, 166



171, 96, 81



63, 124, 91



0, 70, 150

Rectangle

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



125, 105, 166



170, 90, 121



63, 124, 91



0, 72, 131

Sweetspot

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



125, 105, 166



201, 193, 217



105, 130, 166



100, 95, 110



237, 237, 237



110, 110, 110

Same Dimension

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



125, 105, 166



153, 121, 217



155, 105, 166



78, 76, 84



48, 0, 148



7, 0, 20

Inverse Universe

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



166, 105, 146



217, 121, 185



105, 166, 155



84, 76, 81



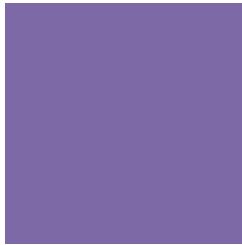
148, 0, 99



20, 0, 14

Previews

White Background



This preview shows how the RYB color 125, 105, 166 looks on a white background.

Color Contrast Check

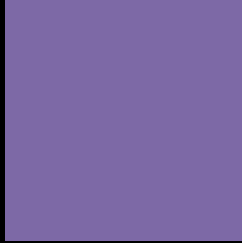
Large Text (above 18pt) WCAG AA ✓ Pass

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 125, 105, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

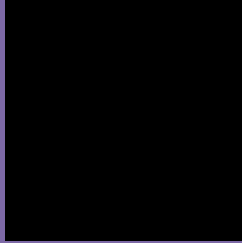
Any Text WCAG AA × Fail

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 125, 105, 166 Background



This preview shows how black text looks on a background with the RYB color 125, 105, 166.



This preview shows how white text looks on a background with the RYB color 125, 105, 166.

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

125, 105, 166

Protanopia

95, 110, 173

Deuteranopia

97, 111, 164



Tritanopia
117, 114, 123

Trichromacy



Original Color
125, 105, 166

Protanomaly
106, 110, 170

Deuteranomaly
107, 111, 165

Tritanomaly
120, 111, 139

Monochromacy



Original Color
125, 105, 166

Achromatopsia
118, 118, 118

Achromatomaly
121, 113, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 105, 166 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(125, 105, 166)` looks like.

```
.text, #text, p{  
    color:rgb(125, 105, 166)  
}
```

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(125, 105, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 105, 166) }
```

Border

The CSS property to change the border of an element to RYB 125, 105, 166 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(125, 105, 166) }
```

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

```
.border{ border-color:rgb(125, 105, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 105, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 105, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 105, 166);  
box-shadow:4px 4px 4px 4px rgb(125, 105,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 125, 105, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 105, 166) }
```

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

```
.background{ background-color: rgb(125,  
105, 166) }
```

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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