

Converting Colors

`RYB(125, 47, 214)`

Have a look what the booklet for
RYB(125, 47, 214) contains.

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Color

`RYB(125, 47, 214)`

Conversions

Conversions Part 1

Format	Color
Hex	7D2FD6
RGB	125, 47, 214
RGB Percent	49%, 18%, 84%
CMY	0.5098, 0.8157, 0.1608
CMYK	0.42, 0.78, 0.00, 0.16
HSL	268°, 67%, 51%
HSV	268°, 78%, 84%
XYZ	21.6116, 11.2480, 64.6504
YIQ	89.3600, -7.1190, 68.4730

Conversions

Conversions Part 2

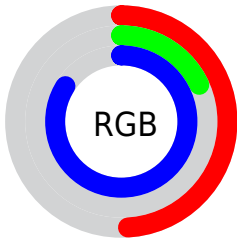
Format	Color
R_{YB}	125, 47, 214
Decimal	8204246
CIE _{Lab}	40.00, 63.82, -71.56
CIE _{LCh}	40, 95.881, 311.729
Yxy	11.2480, 0.2216, 0.1154
Android (android.graphics.Color)	4286394326 (0xFF7D2FD6)
YUV	89.3600, 61.4475, 31.2563
Hunter-Lab	33.5381, 56.3316, -90.8148

Details

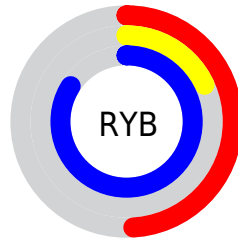
The RYB color **125, 47, 214** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **47, 214, 125**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **184, 102, 255**, and **64, 0, 158** is the 20% darker color. If you saturate the color by 10%, you get **114, 26, 214**, and if you desaturate by 10%, it is **136, 68, 214**.

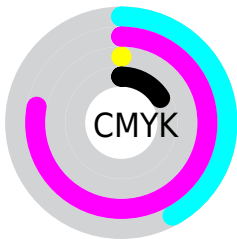
Distribution



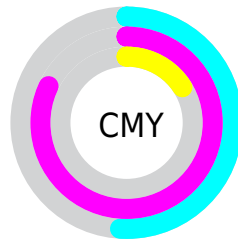
- Red (49%)
- Green (18%)
- Blue (84%)



- Red (49%)
- Yellow (18%)
- Blue (84%)



- Cyan (42%)
- Magenta (78%)
- Yellow (0%)
- Black (16%)





















- Cyan (51%)
- Magenta (82%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 125, 47, 214 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, 47, 214 by changing the saturation by 10% instead.

 125, 47, 214	 125, 47, 214
 255, 255, 255	 95, 12, 186
 184, 102, 255	 64, 0, 158
 214, 129, 255	 25, 0, 131
 245, 157, 255	 0, 0, 105
 255, 185, 255	 0, 0, 80
 255, 213, 255	 0, 5, 56
 255, 243, 255	 0, 2, 33
	 0, 0, 6
	 0, 0, 0


 125, 47, 214


 125, 47, 214

 114, 26, 214


 136, 68, 214


 102, 4, 214

 148, 90, 214

 100, 0, 214

 159, 111, 214

 171, 133, 214

 182, 154, 214

 193, 175, 214

 205, 197, 214

 214, 218, 216

 214, 240, 226

Harmonies

Analogous

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



0, 70, 253



125, 47, 214



203, 0, 145

Triad

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



125, 47, 214



153, 132, 0



0, 61, 124

Complementary

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



125, 47, 214



47, 214, 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.



0, 90, 120



125, 47, 214



0, 101, 14

Square

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



125, 47, 214



200, 0, 0



0, 114, 114



0, 76, 199

Rectangle

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



125, 47, 214



220, 0, 94



0, 114, 114



0, 68, 122

Sweetspot

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



125, 47, 214



224, 196, 255



47, 105, 214



108, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



125, 47, 214



127, 15, 255



208, 47, 214



101, 96, 107



80, 0, 171



20, 0, 43

Inverse Universe

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



214, 47, 136



255, 15, 143



47, 214, 208



107, 96, 102



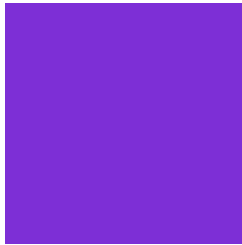
171, 0, 91



43, 0, 23

Previews

White Background



This preview shows how the RYB color 125, 47, 214 looks on a white background.

Color Contrast Check

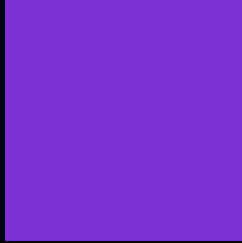
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

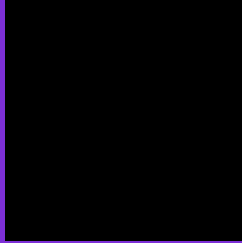
Any Text WCAG AA × Fail

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, 47, 214 Background



This preview shows how black text looks on a background with the RYB color 125, 47, 214.

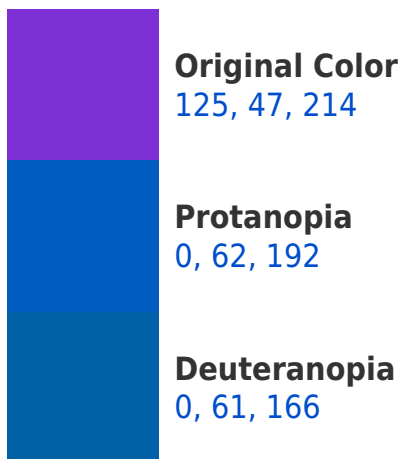



This preview shows how white text looks on a background with the RYB color 125, 47, 214.

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





Tritanopia

99, 92, 99

Trichromacy



Original Color

125, 47, 214



Protanomaly

45, 70, 200



Deuteranomaly

45, 72, 183



Tritanomaly

108, 76, 141

Monochromacy



Original Color

125, 47, 214



Achromatopsia

89, 89, 89



Achromatomaly

102, 74, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 47, 214 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, 47, 214)` looks like.

```
.text, #text, p{  
    color:rgb(125, 47, 214)  
}
```

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, 47, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 47, 214) }
```

Border

The CSS property to change the border of an element to RYB 125, 47, 214 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, 47, 214) }
```

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

```
.border{ border-color:rgb(125, 47, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 47, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 47, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 47, 214);  
box-shadow:4px 4px 4px 4px rgb(125, 47,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 125, 47, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 47, 214) }
```

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

```
.background{ background-color: rgb(125, 47,  
214) }
```

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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