

Converting Colors

`RYB(124, 101, 210)`

Have a look what the booklet for
RYB(124, 101, 210) contains.

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Color

R_YB(124, 101, 210)

Conversions

Conversions Part 1

Format	Color
Hex	7C65D2
RGB	124, 101, 210
RGB Percent	49%, 40%, 82%
CMY	0.5137, 0.6039, 0.1765
CMYK	0.41, 0.52, 0.00, 0.18
HSL	253°, 55%, 61%
HSV	253°, 52%, 82%
XYZ	24.5987, 18.2456, 63.1980
YIQ	120.3030, -21.2810, 38.7750

Conversions

Conversions Part 2

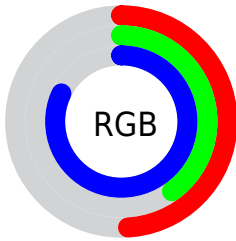
Format	Color
R_{YB}	124, 101, 210
Decimal	8152530
CIE _{Lab}	49.79, 35.05, -53.40
CIE _{LCh}	50, 63.870, 303.279
Yxy	18.2456, 0.2320, 0.1721
Android (android.graphics.Color)	4286342610 (0xFF7C65D2)
YUV	120.3030, 44.2206, 3.2423
Hunter-Lab	42.7149, 28.0439, -57.8211

Details

The RYB color **124, 101, 210** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **101, 210, 124**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **181, 152, 255**, and **68, 53, 155** is the 20% darker color. If you saturate the color by 10%, you get **107, 80, 210**, and if you desaturate by 10%, it is **141, 122, 210**.

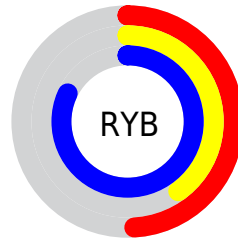
Distribution



Red (49%)

Green (40%)

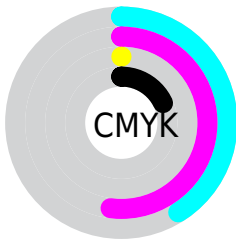
Blue (82%)



Red (49%)

Yellow (40%)

Blue (82%)

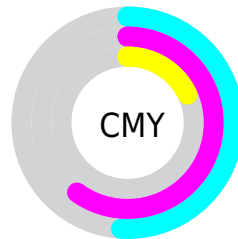


Cyan (41%)

Magenta (52%)

Yellow (0%)

Black (18%)



Cyan (51%)


Magenta (60%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the RYB color 124, 101, 210 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 124, 101, 210 by changing the saturation by 10% instead.

 124, 101, 210

255, 255, 255

 181, 152, 255

 209, 179, 255

 239, 207, 255


 255, 235, 255

 124, 101, 210

 96, 77, 182

 68, 53, 155

 37, 31, 128

 0, 8, 102


 0, 0, 78


 0, 5, 54

 0, 2, 32


 0, 0, 3

 0, 0, 0


 124, 101, 210

 124, 101, 210

 107, 80, 210

 141, 122, 210


 91, 59, 210

 157, 143, 210

 74, 38, 210

 174, 164, 210

 58, 17, 210

 190, 185, 210

 44, 0, 210

 207, 206, 210

 210, 227, 214

 210, 248, 218

 210, 255, 210

Harmonies

Analogous

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



0, 80, 228



124, 101, 210



187, 73, 168

Triad

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



124, 101, 210



163, 180, 5



0, 77, 143

Complementary

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



124, 101, 210



101, 210, 124

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, 94, 139



124, 101, 210



22, 137, 0

Square

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



124, 101, 210



208, 72, 62



1, 132, 52



0, 79, 177

Rectangle

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



124, 101, 210



208, 59, 133



1, 132, 52



0, 82, 142

Sweetspot

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



124, 101, 210



223, 214, 255



101, 149, 210



108, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 101, 210



130, 97, 255



177, 101, 210



96, 94, 105



36, 0, 168



9, 0, 41

Inverse Universe

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



210, 101, 187



255, 97, 222



101, 210, 177



105, 94, 102



168, 0, 133



41, 0, 32

Previews

White Background



This preview shows how the RYB color 124, 101, 210 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 124, 101, 210 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 124, 101, 210 Background



This preview shows how black text looks on a background with the RYB color 124, 101, 210.

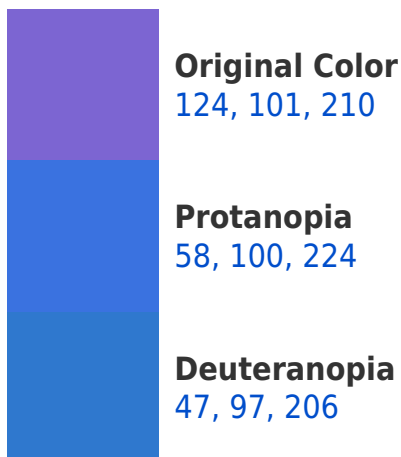


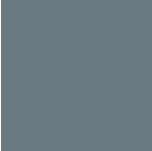
This preview shows how white text looks on a background with the RYB color 124, 101, 210.

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
105, 115, 130

Trichromacy



Original Color
124, 101, 210

Protanomaly
82, 105, 219

Deuteranomaly
75, 105, 207

Tritanomaly
112, 114, 159

Monochromacy



Original Color
124, 101, 210

Achromatopsia
120, 120, 120

Achromatomaly
121, 113, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 101, 210 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(124, 101, 210)` looks like.

```
.text, #text, p{  
    color:rgb(124, 101, 210)  
}
```

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(124, 101, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 101, 210) }
```

Border

The CSS property to change the border of an element to RYB 124, 101, 210 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(124, 101, 210) }
```

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

```
.border{ border-color:rgb(124, 101, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 101, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 101, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 101, 210);  
box-shadow:4px 4px 4px 4px rgb(124, 101,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 124, 101, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 101, 210) }
```

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

```
.background{ background-color: rgb(124,  
101, 210) }
```

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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