

Converting Colors

`RYB(141, 24, 221)`

Have a look what the booklet for
RYB(141, 24, 221) contains.

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Color

R_YB(141, 24, 221)

Conversions

Conversions Part 1

Format	Color
Hex	8D18DD
RGB	141, 24, 221
RGB Percent	55%, 9%, 87%
CMY	0.4471, 0.9059, 0.1333
CMYK	0.36, 0.89, 0.00, 0.13
HSL	276°, 80%, 48%
HSV	276°, 89%, 87%
XYZ	24.3623, 11.5364, 69.3493
YIQ	81.4410, 6.4950, 86.0710

Conversions

Conversions Part 2

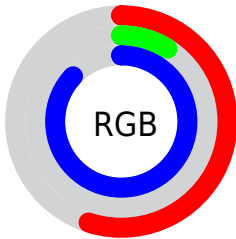
Format	Color
R _Y B	141, 24, 221
Decimal	9246941
CIE Lab	40.47, 74.21, -74.72
CIE LCh	40, 105.306, 314.805
Yxy	11.5364, 0.2315, 0.1096
Android (android.graphics.Color)	4287437021 (0xFF8D18DD)
YUV	81.4410, 68.8026, 52.2332
Hunter-Lab	33.9653, 68.5931, -97.2807

Details

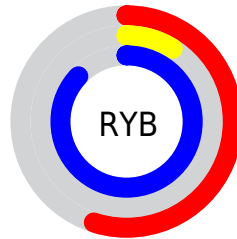
The RYB color **141, 24, 221** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **24, 221, 141**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **201, 90, 255**, and **80, 0, 164** is the 20% darker color. If you saturate the color by 10%, you get **132, 2, 221**, and if you desaturate by 10%, it is **150, 46, 221**.

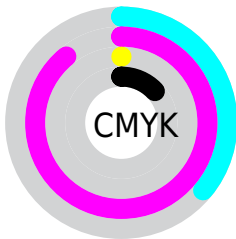
Distribution



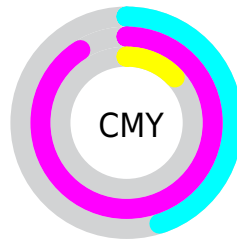
- Red (55%)
- Green (9%)
- Blue (87%)



- Red (55%)
- Yellow (9%)
- Blue (87%)



- Cyan (36%)
- Magenta (89%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (91%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 24, 221 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 141, 24, 221 by changing the saturation by 10% instead.



141, 24, 221



141, 24, 221

255, 255, 255



111, 0, 192



201, 90, 255



80, 0, 164



231, 118, 255



47, 0, 137



255, 147, 255



1, 0, 111



255, 175, 255



0, 0, 85



255, 205, 255



0, 5, 61



255, 234, 255



0, 3, 38



0, 1, 15



0, 0, 0

■ 141, 24, 221

■ 141, 24, 221

■ 132, 2, 221

■ 150, 46, 221

■ 131, 0, 221

■ 159, 68, 221

■ 168, 90, 221

■ 177, 112, 221

■ 186, 134, 221

■ 195, 157, 221

■ 204, 179, 221

■ 213, 201, 221

■ 221, 223, 222

Harmonies

Analogous

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



0, 69, 255



141, 24, 221



218, 0, 143

Triad

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



141, 24, 221



152, 148, 0



0, 66, 138

Complementary

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



141, 24, 221



24, 221, 141

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, 123



141, 24, 221



0, 105, 29

Square

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



141, 24, 221



206, 0, 0



0, 118, 118



0, 80, 219

Rectangle

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



141, 24, 221



233, 0, 87



0, 118, 118



0, 67, 125

Sweetspot

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



141, 24, 221



227, 186, 255



24, 82, 221



111, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



141, 24, 221



151, 0, 255



221, 24, 205



105, 99, 110



103, 0, 173



27, 0, 46

Inverse Universe

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



221, 24, 104



255, 0, 104



24, 206, 221



110, 99, 103



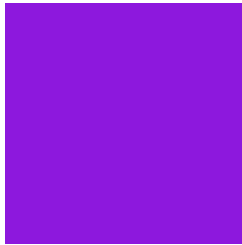
173, 0, 70



46, 0, 19

Previews

White Background



This preview shows how the RYB color 141, 24, 221 looks on a white background.

Color Contrast Check

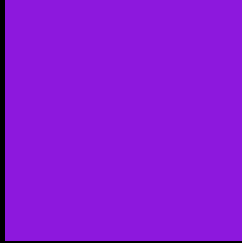
Large Text (above 18pt) WCAG AA ✓ Pass

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 141, 24, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

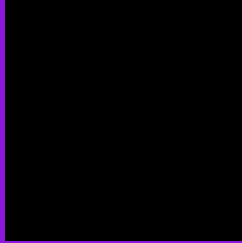
Any Text WCAG AA × Fail

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](#).

RGB 141, 24, 221 Background



This preview shows how black text looks on a background with the RGB color 141, 24, 221.

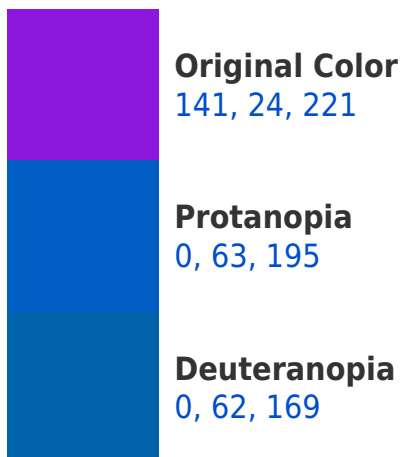



This preview shows how white text looks on a background with the RGB color 141, 24, 221.

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
117, 88, 95

Trichromacy



Original Color

141, 24, 221



Protanomaly

51, 66, 204



Deuteranomaly

51, 69, 188



Tritanomaly

126, 65, 141

Monochromacy



Original Color

141, 24, 221



Achromatopsia

81, 81, 81



Achromatomaly

103, 60, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 24, 221 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(141, 24, 221)` looks like.

```
.text, #text, p{  
    color:rgb(141, 24, 221)  
}
```

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(141, 24, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 24, 221) }
```

Border

The CSS property to change the border of an element to RYB 141, 24, 221 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(141, 24, 221) }
```

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

```
.border{ border-color:rgb(141, 24, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 24, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 24, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 24, 221);  
box-shadow:4px 4px 4px 4px rgb(141, 24,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 141, 24, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 24, 221) }
```

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

```
.background{ background-color: rgb(141, 24,  
221) }
```

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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