

Converting Colors

`RYB(153, 24, 226)`

Have a look what the booklet for
RYB(153, 24, 226) contains.

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Color

`RYB(153, 24, 226)`

Conversions

Conversions Part 1

Format	Color
Hex	9918E2
RGB	153, 24, 226
RGB Percent	60%, 9%, 89%
CMY	0.4000, 0.9059, 0.1137
CMYK	0.32, 0.89, 0.00, 0.11
HSL	278°, 81%, 49%
HSV	278°, 89%, 89%
XYZ	27.1910, 12.9166, 73.0115
YIQ	85.5990, 12.0420, 90.1700

Conversions

Conversions Part 2

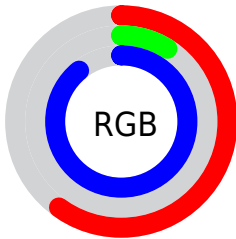
Format	Color
R _Y B	153, 24, 226
Decimal	10033378
CIE Lab	42.64, 76.71, -73.96
CIE LCh	43, 106.555, 316.047
Yxy	12.9166, 0.2404, 0.1142
Android (android.graphics.Color)	4288223458 (0xFF9918E2)
YUV	85.5990, 69.2177, 59.1107
Hunter-Lab	35.9396, 72.1541, -95.2902

Details

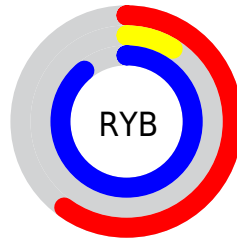
The RYB color **153, 24, 226** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **24, 226, 153**, and the grayscale version is **85, 85, 85**.

A 20% lighter version of the original color is **213, 92, 255**, and **93, 0, 169** is the 20% darker color. If you saturate the color by 10%, you get **145, 1, 226**, and if you desaturate by 10%, it is **161, 47, 226**.

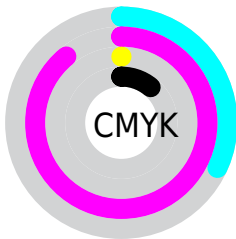
Distribution



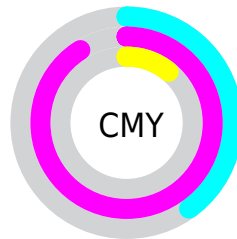
- Red (60%)
- Green (9%)
- Blue (89%)



- Red (60%)
- Yellow (9%)
- Blue (89%)



- Cyan (32%)
- Magenta (89%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (91%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 24, 226 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 153, 24, 226 by changing the saturation by 10% instead.



153, 24, 226



153, 24, 226

255, 255, 255



123, 0, 197



213, 92, 255



93, 0, 169



244, 121, 255



61, 0, 142



255, 150, 255



25, 0, 115



255, 179, 255



0, 0, 90



255, 208, 255



0, 5, 65



255, 238, 255



0, 3, 42



0, 1, 20



0, 0, 0

■ 153, 24, 226

■ 153, 24, 226

■ 145, 1, 226

■ 161, 47, 226

■ 144, 0, 226

■ 169, 69, 226

■ 178, 92, 226

■ 186, 114, 226

■ 194, 137, 226

■ 202, 160, 226

■ 210, 182, 226

■ 218, 205, 226

■ 226, 227, 226

Harmonies

Analogous

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



0, 71, 255



153, 24, 226



228, 0, 146

Triad

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



153, 24, 226



144, 156, 0



0, 70, 148

Complementary

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



153, 24, 226



24, 226, 153

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, 91, 129



153, 24, 226



0, 111, 33

Square

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



153, 24, 226



212, 0, 0



0, 124, 124



0, 84, 229

Rectangle

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



153, 24, 226



242, 0, 88



0, 124, 124



0, 69, 131

Sweetspot

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



153, 24, 226



230, 186, 255



24, 78, 226



113, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



153, 24, 226



163, 0, 255



226, 24, 199



108, 101, 112



112, 0, 176



31, 0, 48

Inverse Universe

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



226, 24, 97



255, 0, 92



24, 202, 226



112, 101, 105



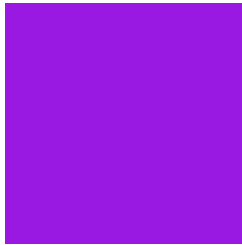
176, 0, 64



48, 0, 18

Previews

White Background



This preview shows how the RYB color 153, 24, 226 looks on a white background.

Color Contrast Check

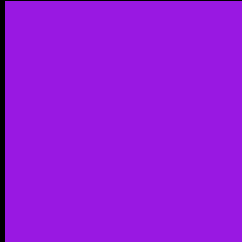
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 24, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

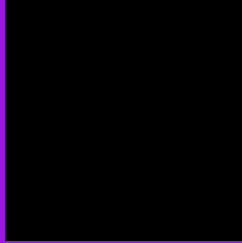
Any Text WCAG AA × Fail

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 153, 24, 226 Background



This preview shows how black text looks on a background with the RYB color 153, 24, 226.



This preview shows how white text looks on a background with the RYB color 153, 24, 226.

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
153, 24, 226

Protanopia
0, 66, 206

Deuteranopia
0, 66, 179



Tritanopia
130, 90, 97

Trichromacy



Original Color

153, 24, 226



Protanomaly

56, 70, 213



Deuteranomaly

56, 73, 196



Tritanomaly

138, 66, 144

Monochromacy



Original Color

153, 24, 226



Achromatopsia

86, 86, 86



Achromatomaly

110, 63, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 24, 226 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(153, 24, 226)` looks like.

```
.text, #text, p{  
    color:rgb(153, 24, 226)  
}
```

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(153, 24, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 24, 226) }
```

Border

The CSS property to change the border of an element to RYB 153, 24, 226 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(153, 24, 226) }
```

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

```
.border{ border-color:rgb(153, 24, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 24, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 24, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 24, 226);  
box-shadow:4px 4px 4px 4px rgb(153, 24,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 153, 24, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 24, 226) }
```

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

```
.background{ background-color: rgb(153, 24,  
226) }
```

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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