

Converting Colors

`RYB(124, 26, 196)`

Have a look what the booklet for
RYB(124, 26, 196) contains.

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Color

R_YB(124, 26, 196)

Conversions

Conversions Part 1

Format	Color
Hex	7C1AC4
RGB	124, 26, 196
RGB Percent	49%, 10%, 77%
CMY	0.5137, 0.8980, 0.2314
CMYK	0.37, 0.87, 0.00, 0.23
HSL	275°, 77%, 44%
HSV	275°, 87%, 77%
XYZ	18.6454, 9.0094, 52.9808
YIQ	74.6820, 3.8380, 73.6460

Conversions

Conversions Part 2

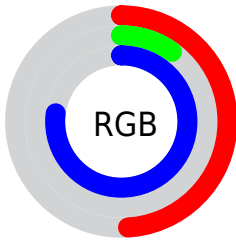
Format	Color
RYB	124, 26, 196
Decimal	8133316
CIELab	36.00, 66.38, -67.65
CIElCh	36, 94.773, 314.456
Yxy	9.0094, 0.2312, 0.1117
Android (android.graphics.Color)	4286323396 (0xFF7C1AC4)
YUV	74.6820, 59.8098, 43.2519
Hunter-Lab	30.0157, 58.3547, -83.6422

Details

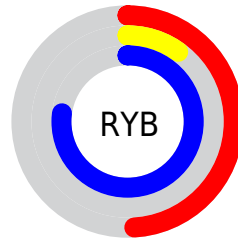
The RYB color **124, 26, 196** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **26, 196, 124**, and the grayscale version is **74, 74, 74**.

A 20% lighter version of the original color is **183, 87, 254**, and **65, 0, 141** is the 20% darker color. If you saturate the color by 10%, you get **116, 6, 196**, and if you desaturate by 10%, it is **132, 46, 196**.

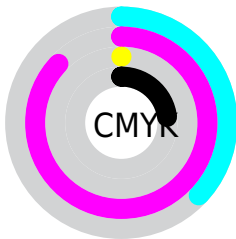
Distribution



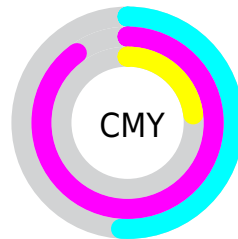
- Red (49%)
- Green (10%)
- Blue (77%)



- Red (49%)
- Yellow (10%)
- Blue (77%)



- Cyan (37%)
- Magenta (87%)
- Yellow (0%)
- Black (23%)




- Cyan (51%)
- Magenta (90%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 26, 196 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, 26, 196 by changing the saturation by 10% instead.

 124, 26, 196

 124, 26, 196

255, 255, 255

 95, 0, 168

 183, 87, 254

 65, 0, 141

 212, 114, 255

 30, 0, 114

 242, 142, 255

 0, 0, 89

 255, 170, 255

 0, 2, 64

 255, 199, 255


 0, 3, 41

 255, 228, 255

 0, 1, 19

 0, 0, 0

 124, 26, 196

 124, 26, 196

■ 116, 6, 196

■ 132, 46, 196

■ 113, 0, 196

■ 141, 65, 196

■ 149, 85, 196

■ 157, 104, 196

■ 166, 124, 196

■ 174, 144, 196

■ 182, 163, 196

■ 190, 183, 196

■ 196, 202, 199

Harmonies

Analogous

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



0, 63, 237



124, 26, 196



193, 0, 127

Triad

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



124, 26, 196



136, 128, 0



0, 58, 121

Complementary

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



124, 26, 196



26, 196, 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, 80, 109



124, 26, 196



0, 93, 24

Square

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



124, 26, 196



183, 0, 0



0, 105, 105



0, 71, 192

Rectangle

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



124, 26, 196



207, 0, 78



0, 105, 105



0, 60, 111

Sweetspot

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



124, 26, 196



227, 189, 255



26, 78, 196



111, 88, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 26, 196



147, 0, 255



196, 26, 185



93, 87, 97



93, 0, 161



19, 0, 33

Inverse Universe

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



196, 26, 98



255, 0, 108



26, 186, 196



97, 87, 91



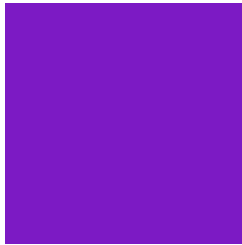
161, 0, 68



33, 0, 14

Previews

White Background



This preview shows how the RYB color 124, 26, 196 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 ✓ Pass

Black Background



This preview shows how the RYB color 124, 26, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

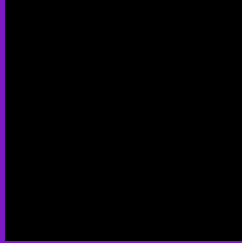
Any Text WCAG AA × Fail

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 124, 26, 196 Background



This preview shows how black text looks on a background with the RYB color 124, 26, 196.



This preview shows how white text looks on a background with the RYB color 124, 26, 196.

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

124, 26, 196

Protanopia

0, 56, 174

Deuteranopia

0, 55, 150



Tritanopia

102, 79, 85

Trichromacy



Original Color

124, 26, 196



Protanomaly

45, 60, 182



Deuteranomaly

45, 62, 167



Tritanomaly

110, 60, 125

Monochromacy



Original Color

124, 26, 196



Achromatopsia

75, 75, 75



Achromatomaly

93, 57, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 26, 196 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, 26, 196)` looks like.

```
.text, #text, p{  
    color:rgb(124, 26, 196)  
}
```

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, 26, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 26, 196) }
```

Border

The CSS property to change the border of an element to RYB 124, 26, 196 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, 26, 196) }
```

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

```
.border{ border-color:rgb(124, 26, 196) }
```

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

Here you see how a box with a 4 pixel rgb(124, 26, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 26, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 26, 196);  
box-shadow:4px 4px 4px 4px rgb(124, 26,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 124, 26, 196 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 26, 196) }
```

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

```
.background{ background-color: rgb(124, 26,  
196) }
```

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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