

Converting Colors

`RYB(128, 26, 209)`

Have a look what the booklet for
RYB(128, 26, 209) contains.

RYB(128, 26, 209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(128, 26, 209)

Conversions

Conversions Part 1

Format	Color
Hex	801AD1
RGB	128, 26, 209
RGB Percent	50%, 10%, 82%
CMY	0.4980, 0.8980, 0.1804
CMYK	0.39, 0.88, 0.00, 0.18
HSL	273°, 78%, 46%
HSV	273°, 88%, 82%
XYZ	20.7801, 9.9314, 61.1433
YIQ	77.3600, 2.0490, 78.5370

Conversions

Conversions Part 2

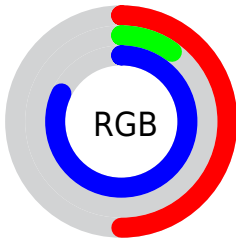
Format	Color
R_{YB}	128, 26, 209
Decimal	8395473
CIE _{Lab}	37.72, 69.66, -72.38
CIE _{LCh}	38, 100.462, 313.903
Yxy	9.9314, 0.2262, 0.1081
Android (android.graphics.Color)	4286585553 (0xFF801AD1)
YUV	77.3600, 64.8985, 44.4113
Hunter-Lab	31.5142, 62.5512, -92.9736

Details

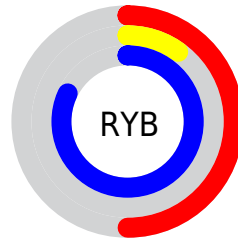
The RYB color **128, 26, 209** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **26, 209, 128**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **187, 88, 255**, and **67, 0, 153** is the 20% darker color. If you saturate the color by 10%, you get **119, 5, 209**, and if you desaturate by 10%, it is **137, 47, 209**.

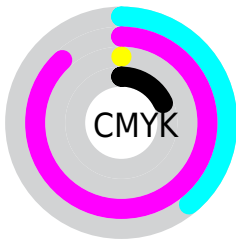
Distribution



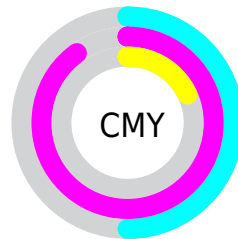
- Red (50%)
- Green (10%)
- Blue (82%)



- Red (50%)
- Yellow (10%)
- Blue (82%)



- Cyan (39%)
- Magenta (88%)
- Yellow (0%)
- Black (18%)




- Cyan (50%)
- Magenta (90%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 26, 209 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 128, 26, 209 by changing the saturation by 10% instead.

 128, 26, 209

 128, 26, 209

255, 255, 255

 98, 0, 181


 187, 88, 255

 67, 0, 153

 218, 116, 255

 31, 0, 126

 248, 144, 255

 0, 0, 100

 255, 172, 255

 0, 0, 75

 255, 201, 255

 0, 4, 51

 255, 230, 255

 0, 2, 29

 0, 0, 0

 128, 26, 209

 128, 26, 209

■ 119, 5, 209

■ 137, 47, 209

■ 116, 0, 209

■ 147, 68, 209

■ 156, 89, 209

■ 165, 110, 209

■ 174, 131, 209

■ 184, 151, 209

■ 193, 172, 209

■ 202, 193, 209

■ 209, 214, 212

Harmonies

Analogous

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



0, 66, 252



128, 26, 209



203, 0, 136

Triad

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



128, 26, 209



144, 129, 0



0, 61, 126

Complementary

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



128, 26, 209



26, 209, 128

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, 85, 114



128, 26, 209



0, 97, 24

Square

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



128, 26, 209



194, 0, 0



0, 110, 110



0, 75, 203

Rectangle

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



128, 26, 209



218, 0, 83



0, 110, 110



0, 63, 116

Sweetspot

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



128, 26, 209



226, 189, 255



26, 83, 209



110, 88, 128



0, 0, 0



128, 128, 128

Same Dimension

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



128, 26, 209



142, 0, 255



209, 26, 200



100, 94, 105



94, 0, 168



23, 0, 41

Inverse Universe

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



209, 26, 107



255, 0, 113



26, 200, 209



105, 94, 99



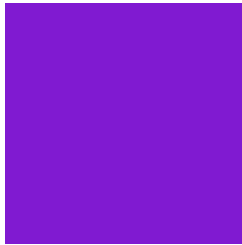
168, 0, 74



41, 0, 18

Previews

White Background



This preview shows how the RYB color 128, 26, 209 looks on a white background.

Color Contrast Check

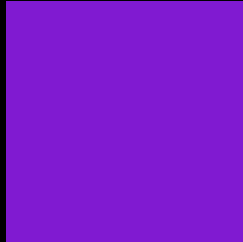
Large Text (above 18pt) WCAG AA ✓ Pass

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 128, 26, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

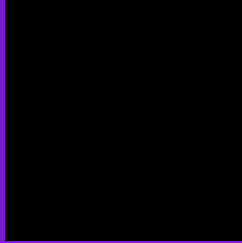
Any Text WCAG AA × Fail

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](#).

RGB 128, 26, 209 Background



This preview shows how black text looks on a background with the RGB color 128, 26, 209.

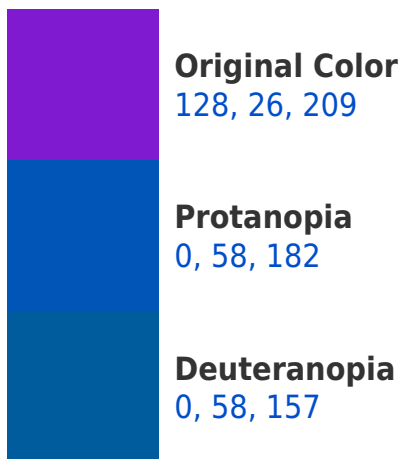


This preview shows how white text looks on a background with the RGB color 128, 26, 209.

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
104, 84, 91

Trichromacy



Original Color

128, 26, 209



Protanomaly

47, 62, 192



Deuteranomaly

47, 65, 176



Tritanomaly

113, 63, 134

Monochromacy



Original Color

128, 26, 209



Achromatopsia

77, 77, 77



Achromatomaly

96, 58, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 26, 209 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(128, 26, 209)` looks like.

```
.text, #text, p{  
    color:rgb(128, 26, 209)  
}
```

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(128, 26, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 26, 209) }
```

Border

The CSS property to change the border of an element to RYB 128, 26, 209 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(128, 26, 209) }
```

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

```
.border{ border-color:rgb(128, 26, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 26, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 26, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 26, 209);  
box-shadow:4px 4px 4px 4px rgb(128, 26,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 128, 26, 209 is called "background".

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

```
.background, #background, body{  
background: rgb(128, 26, 209) }
```

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

```
.background{ background-color: rgb(128, 26,  
209) }
```

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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