

Converting Colors

`RYB(141, 12, 106)`

Have a look what the booklet for
RYB(141, 12, 106) contains.

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Color

$\text{RYB}(141, 12, 106)$

Conversions

Conversions Part 1

Format	Color
Hex	8D0C6A
RGB	141, 12, 106
RGB Percent	55%, 5%, 42%
CMY	0.4471, 0.9529, 0.5843
CMYK	0.00, 0.91, 0.25, 0.45
HSL	316°, 84%, 30%
HSV	316°, 91%, 55%
XYZ	13.7175, 6.9663, 14.2573
YIQ	61.2870, 46.7100, 56.5820

Conversions

Conversions Part 2

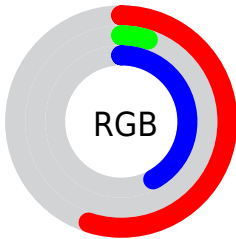
Format	Color
RYB	141, 12, 106
Decimal	9243754
CIELab	31.73, 56.54, -19.27
CIElCh	32, 59.730, 341.182
Yxy	6.9663, 0.3926, 0.1994
Android (android.graphics.Color)	4287433834 (0xFF8D0C6A)
YUV	61.2870, 22.0435, 69.9083
Hunter-Lab	26.3937, 46.5822, -13.5516

Details

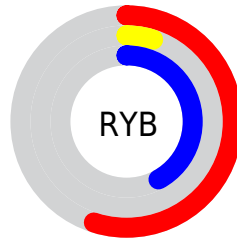
The RYB color **141, 12, 106** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12, 113, 141**, and the grayscale version is **61, 61, 61**.

A 20% lighter version of the original color is **198, 78, 158**, and **86, 0, 58** is the 20% darker color. If you saturate the color by 10%, you get **141, 0, 103**, and if you desaturate by 10%, it is **141, 26, 110**.

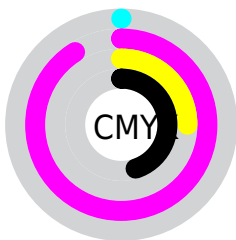
Distribution



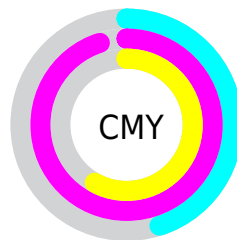
- Red (55%)
- Green (5%)
- Blue (42%)



- Red (55%)
- Yellow (5%)
- Blue (42%)



- Cyan (0%)
- Magenta (91%)
- Yellow (25%)
- Black (45%)





- Cyan (45%)
- Magenta (95%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 12, 106 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, 12, 106 by changing the saturation by 10% instead.

 141, 12, 106

 141, 12, 106

255, 255, 255

 113, 0, 82

 198, 78, 158

 86, 0, 58

 228, 105, 184

 61, 0, 37

 255, 133, 212

 32, 0, 13


 255, 161, 241


 0, 0, 0

 255, 189, 255

 255, 218, 255

 255, 247, 255

 141, 12, 106

 141, 12, 106

■ 141, 0, 103

■ 141, 26, 110

■ 141, 40, 114

■ 141, 54, 117

■ 141, 68, 121

■ 141, 83, 125

■ 141, 97, 129

■ 141, 111, 133

■ 141, 125, 137

■ 141, 139, 140

Harmonies

Analogous

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



96, 52, 146



141, 12, 106



154, 0, 60

Triad

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



141, 12, 106



0, 78, 1



0, 55, 136

Complementary

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



141, 12, 106



12, 113, 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, 48, 94



141, 12, 106



0, 88, 78

Square

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



141, 12, 106



105, 116, 0



0, 63, 92



0, 57, 164

Rectangle

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



141, 12, 106



149, 19, 29



0, 63, 92



0, 53, 122

Sweetspot

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



141, 12, 106



184, 134, 170



46, 12, 141



92, 62, 84



219, 219, 219



92, 92, 92

Same Dimension

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



141, 12, 106



184, 0, 134



141, 12, 42



71, 64, 69



135, 0, 98



8, 0, 6

Inverse Universe

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



141, 12, 106



184, 0, 134



12, 85, 141



71, 64, 69



135, 0, 98



8, 0, 6

Previews

White Background



This preview shows how the RYB color 141, 12, 106 looks on a white background.

Color Contrast Check

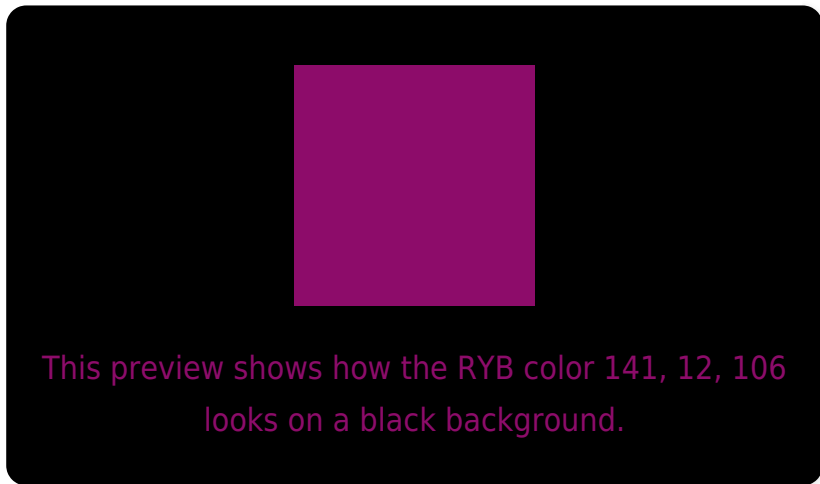
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 141, 12, 106 Background



This preview shows how black text looks on a background with the RGB color 141, 12, 106.

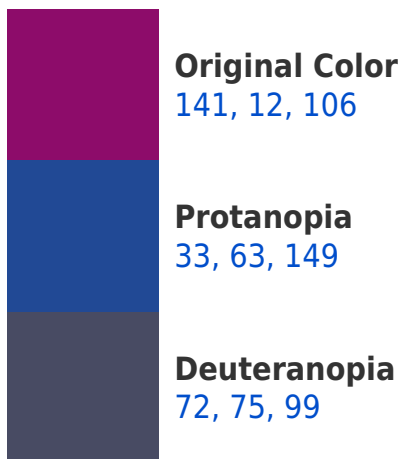


This preview shows how white text looks on a background with the RGB color 141, 12, 106.

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

136, 43, 45

Trichromacy



Original Color

141, 12, 106

Protanomaly

72, 51, 133

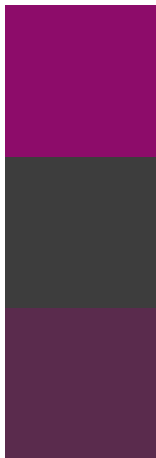
Deuteranomaly

97, 53, 102

Tritanomaly

138, 32, 67

Monochromacy



Original Color

141, 12, 106

Achromatopsia

61, 61, 61

Achromatomaly

90, 43, 77

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 12, 106 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, 12, 106)` looks like.

```
.text, #text, p{  
    color:rgb(141, 12, 106)  
}
```

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, 12, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 12, 106) }
```

Border

The CSS property to change the border of an element to RYB 141, 12, 106 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, 12, 106) }
```

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

```
.border{ border-color:rgb(141, 12, 106) }
```

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

Here you see how a box with a 4 pixel rgb(141, 12, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 12, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 12, 106);  
box-shadow:4px 4px 4px 4px rgb(141, 12,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 141, 12, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 12, 106) }
```

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

```
.background{ background-color: rgb(141, 12,  
106) }
```

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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