

Converting Colors

`RYB(126, 88, 137)`

Have a look what the booklet for
RYB(126, 88, 137) contains.

RYB(126, 88, 137)	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(126, 88, 137)

Conversions

Conversions Part 1

Format	Color
Hex	7E5889
RGB	126, 88, 137
RGB Percent	49%, 35%, 54%
CMY	0.5059, 0.6549, 0.4627
CMYK	0.08, 0.36, 0.00, 0.46
HSL	287°, 22%, 44%
HSV	287°, 36%, 54%
XYZ	16.6093, 13.2212, 25.3435
YIQ	104.9480, 6.9190, 23.2950

Conversions

Conversions Part 2

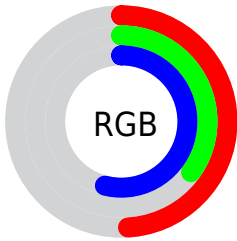
Format	Color
R_{YB}	126, 88, 137
Decimal	8280201
CIE _{Lab}	43.09, 24.82, -21.14
CIE _{LCh}	43, 32.602, 319.578
Yxy	13.2212, 0.3010, 0.2396
Android (android.graphics.Color)	4286470281 (0xFF7E5889)
YUV	104.9480, 15.8016, 18.4626
Hunter-Lab	36.3610, 17.9050, -15.8722

Details

The RYB color **126, 88, 137** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **88, 137, 126**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **179, 139, 191**, and **76, 41, 87** is the 20% darker color. If you saturate the color by 10%, you get **123, 74, 137**, and if you desaturate by 10%, it is **129, 102, 137**.

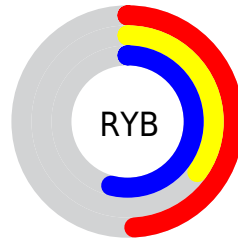
Distribution



Red (49%)

Green (35%)

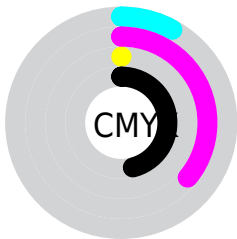
Blue (54%)



Red (49%)

Yellow (35%)

Blue (54%)

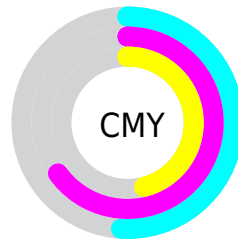


Cyan (8%)

Magenta (36%)

Yellow (0%)

Black (46%)



Cyan (51%)

Magenta (65%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 88, 137 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 126, 88, 137 by changing the saturation by 10% instead.



126, 88, 137



126, 88, 137

255, 255, 255



101, 64, 111



179, 139, 191



76, 41, 87



207, 165, 218



52, 19, 63



236, 192, 247



32, 0, 41



255, 220, 255



0, 1, 20



255, 249, 255



0, 0, 0



126, 88, 137



126, 88, 137



123, 74, 137



129, 102, 137



120, 61, 137



132, 115, 137

■ 117, 47, 137

■ 135, 129, 137

■ 114, 33, 137

■ 137, 143, 142

■ 111, 19, 137

■ 137, 156, 152

■ 108, 6, 137

■ 137, 170, 163

■ 106, 0, 137

■ 137, 184, 173

■ 137, 198, 184

■ 137, 211, 194

Harmonies

Analogous

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



89, 97, 153



126, 88, 137



147, 81, 112

Triad

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



126, 88, 137



94, 126, 48



0, 59, 119

Complementary

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



126, 88, 137



88, 137, 126

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.



23, 76, 115



126, 88, 137



49, 106, 54

Square

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



126, 88, 137



145, 98, 62



66, 112, 108



0, 63, 142

Rectangle

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



126, 88, 137



153, 79, 94



66, 112, 108



0, 60, 116

Sweetspot

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



126, 88, 137



174, 159, 179



88, 97, 137



87, 78, 89



217, 217, 217



89, 89, 89

Same Dimension

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



126, 88, 137



161, 102, 179



137, 88, 124



67, 62, 69



103, 0, 133



4, 0, 5

Inverse Universe

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



137, 88, 99



179, 102, 119



88, 127, 137



69, 62, 64



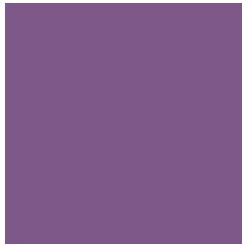
133, 0, 30



5, 0, 1

Previews

White Background



This preview shows how the RYB color 126, 88, 137 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 126, 88, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

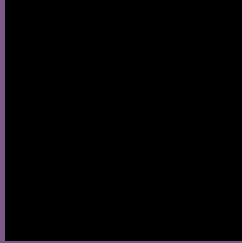
Any Text WCAG AA × Fail

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 126, 88, 137 Background



This preview shows how black text looks on a background with the RYB color 126, 88, 137.



This preview shows how white text looks on a background with the RYB color 126, 88, 137.

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


126, 88, 137

Protanopia

87, 98, 147

Deuteranopia

94, 99, 135



Tritanopia
121, 95, 102

Trichromacy



Original Color
126, 88, 137

Protanomaly
101, 96, 143

Deuteranomaly
106, 96, 136

Tritanomaly
123, 92, 115

Monochromacy



Original Color
126, 88, 137

Achromatopsia
105, 105, 105

Achromatomaly
113, 99, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 88, 137 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(126, 88, 137)` looks like.

```
.text, #text, p{  
    color:rgb(126, 88, 137)  
}
```

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(126, 88, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 88, 137) }
```

Border

The CSS property to change the border of an element to RYB 126, 88, 137 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(126, 88, 137) }
```

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

```
.border{ border-color:rgb(126, 88, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 88, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 88, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 88, 137);  
box-shadow:4px 4px 4px 4px rgb(126, 88,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 126, 88, 137 is called "background".

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

```
.background, #background, body{  
background: rgb(126, 88, 137) }
```

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

```
.background{ background-color: rgb(126, 88,  
137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor