

Converting Colors

RGB(136, 75, 171)

Have a look what the booklet for
RGB(136, 75, 171) contains.

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Color

RGB(136, 75, 171)

Conversions

Conversions Part 1

Format	Color
Hex	884BAB
RGB	136, 75, 171
RGB Percent	53%, 29%, 67%
CMY	0.4667, 0.7059, 0.3294
CMYK	0.20, 0.56, 0.00, 0.33
HSL	278°, 39%, 48%
HSV	278°, 56%, 67%
XYZ	20.0201, 13.2067, 40.0220
YIQ	104.1830, 5.5400, 42.7880

Conversions

Conversions Part 2

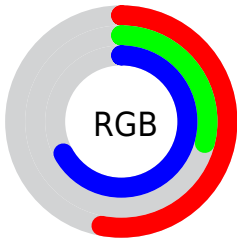
Format	Color
R_{YB}	136, 75, 171
Decimal	8932267
CIE _{Lab}	43.07, 42.87, -41.42
CIE _{LCh}	43, 59.608, 315.988
Yxy	13.2067, 0.2733, 0.1803
Android (android.graphics.Color)	4287122347 (0xFF884BAB)
YUV	104.1830, 32.9408, 27.9035
Hunter-Lab	36.3410, 34.7382, -39.8569

Details

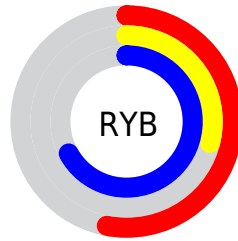
The RGB color **136, 75, 171** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **110, 171, 75**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **191, 126, 227**, and **83, 25, 118** is the 20% darker color. If you saturate the color by 10%, you get **130, 58, 171**, and if you desaturate by 10%, it is **142, 92, 171**.

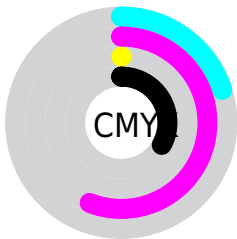
Distribution



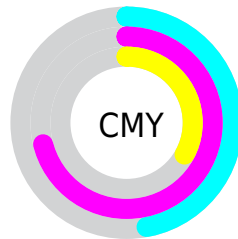
- Red (53%)
- Green (29%)
- Blue (67%)



- Red (53%)
- Yellow (29%)
- Blue (67%)



- Cyan (20%)
- Magenta (56%)
- Yellow (0%)
- Black (33%)



- Cyan (47%)
- Magenta (71%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 75, 171 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 RGB color 136, 75, 171 by changing the saturation by 10% instead.



136, 75, 171



136, 75, 171

255, 255, 255



109, 50, 144



191, 126, 227



83, 25, 118



220, 153, 255



57, 0, 93



249, 180, 255



33, 0, 69



255, 208, 255



0, 0, 46



255, 237, 255



0, 1, 24



0, 0, 0



136, 75, 171



136, 75, 171



130, 58, 171



142, 92, 171

■ 124, 41, 171

■ 148, 109, 171

■ 117, 24, 171

■ 155, 126, 171

■ 111, 7, 171

■ 161, 143, 171

■ 109, 0, 171

■ 167, 160, 171

■ 173, 178, 171

■ 180, 195, 171

■ 186, 212, 171

■ 192, 229, 171

Harmonies

Analogous

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



32, 99, 197



136, 75, 171



177, 50, 127

Triad

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



136, 75, 171



142, 91, 0



0, 124, 128

Complementary

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



136, 75, 171



110, 171, 75

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, 122, 76



136, 75, 171



99, 108, 0

Square

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



136, 75, 171



174, 68, 31



34, 117, 23



0, 122, 172

Rectangle

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



136, 75, 171



187, 44, 94



34, 117, 23



0, 124, 111

Sweetspot

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



136, 75, 171



208, 184, 222



75, 110, 171



104, 90, 112



240, 240, 240



112, 112, 112

Same Dimension

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



136, 75, 171



168, 73, 222



171, 75, 158



84, 78, 87



96, 0, 150



15, 0, 23

Inverse Universe

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



171, 75, 110



222, 73, 127



75, 171, 88



87, 78, 81



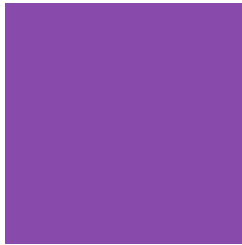
150, 0, 55



23, 0, 8

Previews

White Background



This preview shows how the RGB color 136, 75, 171 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 RGB color 136, 75, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

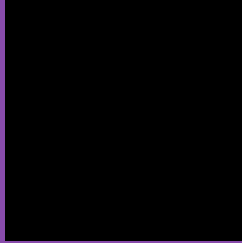
Any Text WCAG AA × Fail

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](#).

RGB 136, 75, 171 Background



This preview shows how black text looks on a background with the RGB color 136, 75, 171.



This preview shows how white text looks on a background with the RGB color 136, 75, 171.

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
136, 75, 171

Protanopia
49, 99, 194

Deuteranopia
64, 102, 166



Tritanopia
125, 94, 101

Trichromacy



Original Color
136, 75, 171

Protanomaly
81, 90, 186

Deuteranomaly
90, 92, 168

Tritanomaly
129, 87, 126

Monochromacy



Original Color
136, 75, 171

Achromatopsia
104, 104, 104

Achromatomaly
116, 93, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 75, 171 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(136, 75, 171)` looks like.

```
.text, #text, p{  
    color:rgb(136, 75, 171)  
}
```

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(136, 75, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 75, 171) }
```

Border

The CSS property to change the border of an element to RGB 136, 75, 171 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(136, 75, 171) }
```

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

```
.border{ border-color:rgb(136, 75, 171) }
```

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

Here you see how a box with a 4 pixel rgb(136, 75, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 75, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 75, 171);  
box-shadow:4px 4px 4px 4px rgb(136, 75,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 136, 75, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 75, 171) }
```

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

```
.background{ background-color: rgb(136, 75,  
171) }
```

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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