

Converting Colors

RGB(135, 76, 174)

Have a look what the booklet for
RGB(135, 76, 174) contains.

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Color

RGB(135, 76, 174)

Conversions

Conversions Part 1

Format	Color
Hex	874CAE
RGB	135, 76, 174
RGB Percent	53%, 30%, 68%
CMY	0.4706, 0.7020, 0.3176
CMYK	0.22, 0.56, 0.00, 0.32
HSL	276°, 39%, 49%
HSV	276°, 56%, 68%
XYZ	20.2161, 13.3758, 41.5607
YIQ	104.8130, 3.7060, 42.9860

Conversions

Conversions Part 2

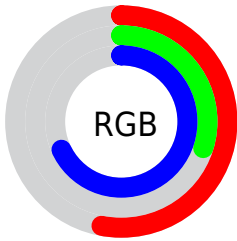
Format	Color
RYB	135, 76, 174
Decimal	8866990
CIELab	43.32, 42.76, -42.80
CIElCh	43, 60.494, 314.973
Yxy	13.3758, 0.2690, 0.1780
Android (android.graphics.Color)	4287057070 (0xFF874CAE)
YUV	104.8130, 34.1092, 26.4740
Hunter-Lab	36.5729, 34.6654, -41.7749

Details

The RGB color **135, 76, 174** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **115, 174, 76**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **191, 127, 230**, and **82, 26, 121** is the 20% darker color. If you saturate the color by 10%, you get **128, 59, 174**, and if you desaturate by 10%, it is **142, 93, 174**.

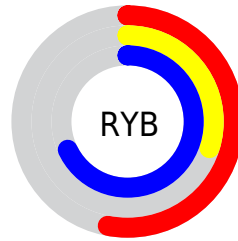
Distribution



Red (53%)

Green (30%)

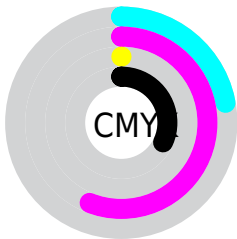
Blue (68%)



Red (53%)

Yellow (30%)

Blue (68%)

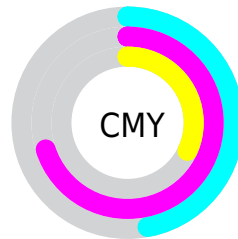


Cyan (22%)

Magenta (56%)

Yellow (0%)

Black (32%)



Cyan (47%)


Magenta (70%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 76, 174 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 135, 76, 174 by changing the saturation by 10% instead.

 135, 76, 174

 135, 76, 174

255, 255, 255

 108, 51, 147


 191, 127, 230

 82, 26, 121

 219, 154, 255

 56, 0, 96

 248, 181, 255

 31, 0, 71

 255, 209, 255

 0, 0, 48


 255, 238, 255

 0, 1, 26

 0, 0, 0

 135, 76, 174

 135, 76, 174

 128, 59, 174

 142, 93, 174

121, 41, 174

149, 111, 174

114, 24, 174

156, 128, 174

107, 6, 174

163, 146, 174

105, 0, 174

170, 163, 174

177, 180, 174

183, 198, 174

190, 215, 174

197, 233, 174

Harmonies

Analogous

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



15, 100, 200



135, 76, 174



178, 50, 130

Triad

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



135, 76, 174



145, 91, 0



0, 125, 127

Complementary

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



135, 76, 174



115, 174, 76

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, 123, 74



135, 76, 174



101, 108, 0

Square

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



135, 76, 174



176, 67, 32



36, 118, 20



0, 123, 173

Rectangle

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



135, 76, 174



189, 42, 96



36, 118, 20



0, 124, 110

Sweetspot

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



135, 76, 174



212, 188, 227



76, 115, 174



106, 92, 115



242, 242, 242



115, 115, 115

Same Dimension

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



135, 76, 174



166, 73, 227



174, 76, 164



83, 78, 87



91, 0, 150



14, 0, 23

Inverse Universe

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



174, 76, 115



227, 73, 134



76, 174, 86



87, 78, 81



150, 0, 60



23, 0, 9

Previews

White Background



This preview shows how the RGB color 135, 76, 174 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 135, 76, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

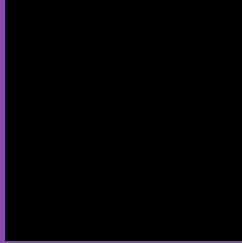
Any Text WCAG AA × Fail

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 135, 76, 174 Background



This preview shows how black text looks on a background with the RGB color 135, 76, 174.

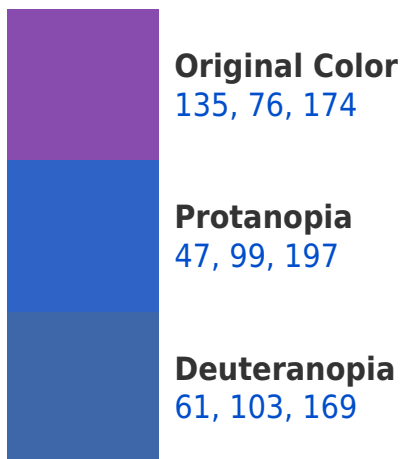



This preview shows how white text looks on a background with the RGB color 135, 76, 174.

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





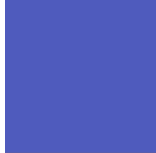
Tritanopia
123, 95, 102

Trichromacy



Original Color

135, 76, 174



Protanomaly

79, 91, 189



Deuteranomaly

88, 93, 171



Tritanomaly

127, 88, 128

Monochromacy



Original Color

135, 76, 174



Achromatopsia

105, 105, 105



Achromatomaly

116, 94, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 76, 174 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(135, 76, 174)` looks like.

```
.text, #text, p{  
    color:rgb(135, 76, 174)  
}
```

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(135, 76, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 76, 174) }
```

Border

The CSS property to change the border of an element to RGB 135, 76, 174 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(135, 76, 174) }
```

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

```
.border{ border-color:rgb(135, 76, 174) }
```

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

Here you see how a box with a 4 pixel rgb(135, 76, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 76, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 76, 174);  
box-shadow:4px 4px 4px 4px rgb(135, 76,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 135, 76, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 76, 174) }
```

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

```
.background{ background-color: rgb(135, 76,  
174) }
```

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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