

Converting Colors

`RYB(227, 96, 135)`

Have a look what the booklet for
RYB(227, 96, 135) contains.

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Color

R_YB(227, 96, 135)

Conversions

Conversions Part 1

Format	Color
Hex	E36087
RGB	227, 96, 135
RGB Percent	89%, 38%, 53%
CMY	0.1098, 0.6235, 0.4706
CMYK	0.00, 0.58, 0.41, 0.11
HSL	342°, 70%, 63%
HSV	342°, 58%, 89%
XYZ	40.2346, 26.4459, 25.9056
YIQ	139.6150, 65.5570, 39.9010

Conversions

Conversions Part 2

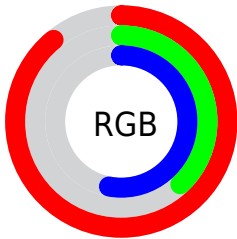
Format	Color
R_{YB}	227, 96, 135
Decimal	14901383
CIE _{Lab}	58.46, 54.49, 4.45
CIE _{LCh}	58, 54.667, 4.665
Yxy	26.4459, 0.4346, 0.2856
Android (android.graphics.Color)	4293091463 (0xFFE36087)
YUV	139.6150, -2.2752, 76.6366
Hunter-Lab	51.4256, 49.6609, 6.1306

Details

The RYB color **227, 96, 135** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **96, 173, 227**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **255, 151, 188**, and **167, 39, 86** is the 20% darker color. If you saturate the color by 10%, you get **227, 73, 119**, and if you desaturate by 10%, it is **227, 119, 151**.

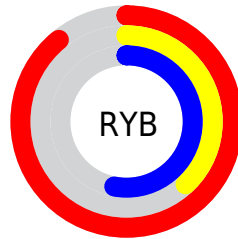
Distribution



Red (89%)

Green (38%)

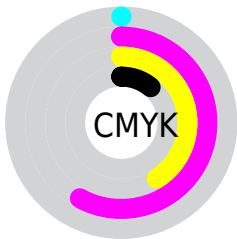
Blue (53%)



Red (89%)

Yellow (38%)

Blue (53%)

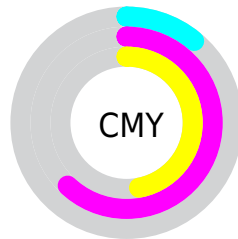


Cyan (0%)

Magenta (58%)

Yellow (41%)

Black (11%)



Cyan (11%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 96, 135 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 227, 96, 135 by changing the saturation by 10% instead.

 227, 96, 135

 227, 96, 135

255, 255, 255

 197, 68, 110

 255, 151, 188

 167, 39, 86


 255, 179, 216

 138, 0, 63

 255, 208, 244

 110, 0, 41

 255, 237, 255

 81, 0, 21

 56, 0, 2

 12, 0, 0

 0, 0, 0

 227, 96, 135

 227, 96, 135

■ 227, 73, 119

■ 227, 119, 151

■ 227, 51, 103

■ 227, 141, 167

■ 227, 28, 87

■ 227, 164, 183

■ 227, 5, 71

■ 227, 187, 199

■ 227, 0, 68

■ 227, 210, 215

■ 227, 230, 232

■ 227, 243, 255

■ 227, 241, 255

Harmonies

Analogous

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



205, 105, 182



227, 96, 135



223, 107, 89

Triad

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



227, 96, 135



56, 153, 100



0, 92, 227

Complementary

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



227, 96, 135



96, 173, 227

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, 89, 194



227, 96, 135



22, 112, 161

Square

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



227, 96, 135



57, 159, 36



0, 86, 164



46, 111, 236

Rectangle

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



227, 96, 135



208, 149, 63



0, 86, 164



0, 92, 218

Sweetspot

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



227, 96, 135



255, 212, 225



188, 96, 227



128, 102, 110



0, 0, 0



128, 128, 128

Same Dimension

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



227, 96, 135



255, 79, 131



227, 128, 96



115, 103, 107



179, 0, 53



51, 0, 15

Inverse Universe

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



227, 96, 135



255, 79, 131



96, 154, 227



115, 103, 107



179, 0, 53



51, 0, 15

Previews

White Background



This preview shows how the RYB color 227, 96, 135 looks on a white background.

Color Contrast Check

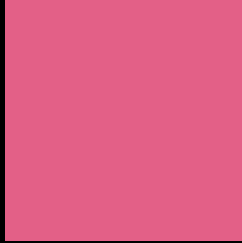
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 227, 96, 135 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 227, 96, 135 Background



This preview shows how black text looks on a background with the RYB color 227, 96, 135.

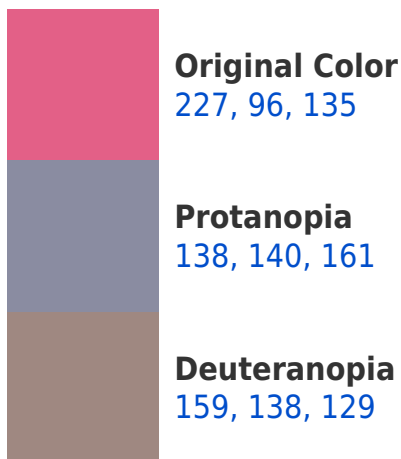



This preview shows how white text looks on a background with the RYB color 227, 96, 135.

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
225, 101, 108

Trichromacy



Original Color

227, 96, 135

Protanomaly

170, 124, 152

Deuteranomaly

184, 121, 131

Tritanomaly

226, 99, 118

Monochromacy



Original Color

227, 96, 135

Achromatopsia

140, 140, 140

Achromatomaly

172, 124, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 96, 135 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(227, 96, 135)` looks like.

```
.text, #text, p{  
    color:rgb(227, 96, 135)  
}
```

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(227, 96, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 96, 135) }
```

Border

The CSS property to change the border of an element to RYB 227, 96, 135 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(227, 96, 135) }
```

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

```
.border{ border-color:rgb(227, 96, 135) }
```

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

Here you see how a box with a 4 pixel rgb(227, 96, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 96, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 96, 135);  
box-shadow:4px 4px 4px 4px rgb(227, 96,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 227, 96, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 96, 135) }
```

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

```
.background{ background-color: rgb(227, 96,  
135) }
```

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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