

Converting Colors

`RYB(226, 172, 234)`

Have a look what the booklet for
RYB(226, 172, 234) contains.

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Color

R_YB(226, 172, 234)

Conversions

Conversions Part 1

Format	Color
Hex	E2ACEA
RGB	226, 172, 234
RGB Percent	89%, 67%, 92%
CMY	0.1137, 0.3255, 0.0824
CMYK	0.03, 0.26, 0.00, 0.08
HSL	292°, 60%, 80%
HSV	292°, 26%, 92%
XYZ	60.9678, 51.6143, 84.5911
YIQ	195.2140, 12.2820, 30.7300

Conversions

Conversions Part 2

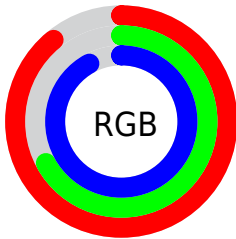
Format	Color
R _Y B	226, 172, 234
Decimal	14855402
CIE Lab	77.05, 30.14, -23.43
CIE LCh	77, 38.172, 322.137
Yxy	51.6143, 0.3092, 0.2618
Android (android.graphics.Color)	4293045482 (0xFFE2ACEA)
YUV	195.2140, 19.1215, 26.9993
Hunter-Lab	71.8431, 25.7541, -19.5204

Details

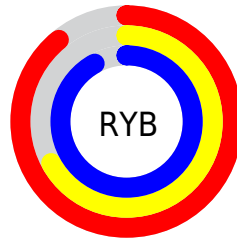
The RYB color **226, 172, 234** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172, 234, 226**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 228, 255**, and **170, 119, 178** is the 20% darker color. If you saturate the color by 10%, you get **223, 149, 234**, and if you desaturate by 10%, it is **229, 195, 234**.

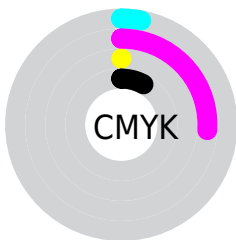
Distribution



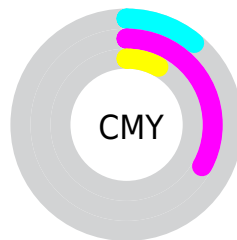
- Red (89%)
- Green (67%)
- Blue (92%)



- Red (89%)
- Yellow (67%)
- Blue (92%)



- Cyan (3%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (33%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 172, 234 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 226, 172, 234 by changing the saturation by 10% instead.


 226, 172, 234

255, 255, 255

 255, 228, 255

 226, 172, 234

 198, 145, 206

 170, 119, 178

 143, 94, 151

 117, 69, 125

 91, 46, 100

 67, 23, 76

 43, 0, 53

 20, 0, 32

 0, 0, 3

226, 172, 234

226, 172, 234

223, 149, 234

229, 195, 234

220, 125, 234

232, 219, 234

217, 102, 234

234, 242, 241

214, 78, 234

234, 255, 251

211, 55, 234

234, 255, 248

208, 32, 234

234, 255, 245

205, 8, 234

234, 255, 242

204, 0, 234

234, 255, 239

234, 255, 236

Harmonies

Analogous

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



181, 185, 255



226, 172, 234



253, 164, 201

Triad

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



226, 172, 234



178, 222, 120



63, 138, 216

Complementary

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



226, 172, 234



172, 234, 226

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.



102, 164, 209



226, 172, 234



124, 196, 133

Square

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



226, 172, 234



248, 191, 136



146, 204, 203



72, 147, 245

Rectangle

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



226, 172, 234



255, 163, 177



146, 204, 203



74, 143, 209

Sweetspot

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



226, 172, 234



252, 235, 255



172, 179, 234



126, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 172, 234



244, 173, 255



234, 172, 211



116, 106, 117



158, 0, 181



47, 0, 54

Inverse Universe

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



234, 172, 180



255, 173, 184



172, 217, 234



117, 106, 107



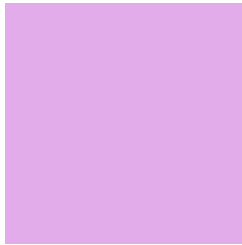
181, 0, 23



54, 0, 7

Previews

White Background



This preview shows how the RYB color 226, 172, 234 looks on a white background.

Color Contrast Check

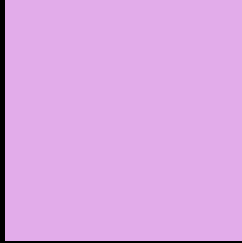
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 226, 172, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

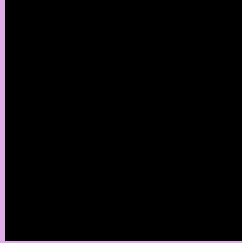
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 226, 172, 234 Background



This preview shows how black text looks on a background with the RYB color 226, 172, 234.



This preview shows how white text looks on a background with the RYB color 226, 172, 234.

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
226, 172, 234

Protanopia
176, 186, 246

Deuteranopia
189, 186, 231



Tritanopia
220, 180, 194

Trichromacy



Original Color

226, 172, 234



Protanomaly

194, 182, 242



Deuteranomaly

202, 181, 232



Tritanomaly

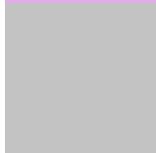
222, 177, 209

Monochromacy



Original Color

226, 172, 234



Achromatopsia

195, 195, 195



Achromatomaly

206, 187, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 172, 234 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(226, 172, 234) looks like.

```
.text, #text, p{  
    color:rgb(226, 172, 234)  
}
```

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(226, 172, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 172, 234) }
```

Border

The CSS property to change the border of an element to RYB 226, 172, 234 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(226, 172, 234) }
```

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

```
.border{ border-color:rgb(226, 172, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 172, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 172, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 172, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 172,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 226, 172, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 172, 234) }
```

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

```
.background{ background-color: rgb(226,  
172, 234) }
```

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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