

Converting Colors

`RYB(246, 172, 246)`

Have a look what the booklet for
RYB(246, 172, 246) contains.

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Color

RYB(246, 172, 246)

Conversions

Conversions Part 1

Format	Color
Hex	F6ACF6
RGB	246, 172, 246
RGB Percent	96%, 67%, 96%
CMY	0.0353, 0.3255, 0.0353
CMYK	0.00, 0.30, 0.00, 0.04
HSL	300°, 80%, 82%
HSV	300°, 30%, 96%
XYZ	69.3931, 55.7517, 94.2925
YIQ	202.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

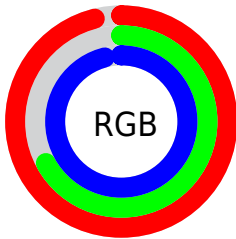
Format	Color
R _Y B	246, 172, 246
Decimal	16166134
CIE Lab	79.47, 38.71, -26.03
CIE LCh	79, 46.643, 326.082
Yxy	55.7517, 0.3162, 0.2541
Android (android.graphics.Color)	4294356214 (0xFFF6ACF6)
YUV	202.5620, 21.4149, 38.0951
Hunter-Lab	74.6671, 35.2247, -22.6068

Details

The RYB color **246, 172, 246** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172, 246, 246**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 228, 255**, and **189, 118, 190** is the 20% darker color. If you saturate the color by 10%, you get **246, 147, 246**, and if you desaturate by 10%, it is **246, 197, 246**.

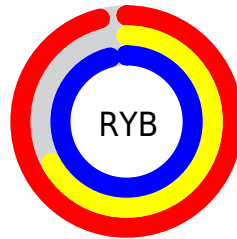
Distribution



Red (96%)

Green (67%)

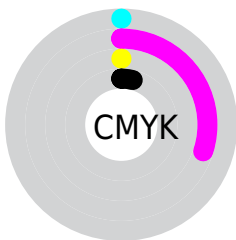
Blue (96%)



Red (96%)

Yellow (67%)

Blue (96%)

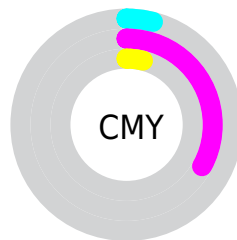


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (4%)

Magenta (33%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 172, 246 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 246, 172, 246 by changing the saturation by 10% instead.

 246, 172, 246


 246, 172, 246

255, 255, 255

 217, 145, 217

 255, 228, 255

 189, 118, 190

 161, 93, 162

 134, 68, 136

 108, 43, 110

 82, 17, 86


 57, 0, 62


 37, 0, 40


 0, 1, 17

 246, 172, 246

 246, 172, 246

 246, 147, 246


 246, 197, 246

 246, 123, 246

 246, 221, 246


 246, 98, 246

 246, 246, 246

 246, 74, 246

 246, 255, 255

 246, 49, 246

 246, 24, 246

 246, 0, 246

Harmonies

Analogous

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



193, 188, 255



246, 172, 246



255, 163, 204

Triad

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



246, 172, 246



164, 230, 109



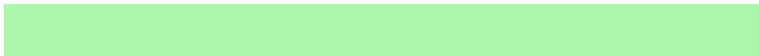
0, 113, 234

Complementary

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



246, 172, 246



172, 246, 246

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.



67, 151, 219



246, 172, 246



117, 206, 137

Square

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



246, 172, 246



255, 210, 126



134, 204, 215



0, 116, 255

Rectangle

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



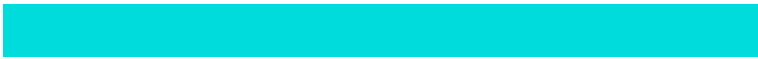
246, 172, 246



255, 163, 175



134, 204, 215



0, 110, 220

Sweetspot

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



246, 172, 246



255, 232, 255



172, 172, 246



128, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



246, 172, 246



255, 163, 255



246, 172, 209



122, 110, 122



186, 0, 186



59, 0, 59

Inverse Universe

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



246, 172, 246



255, 163, 255



172, 221, 246



122, 110, 122



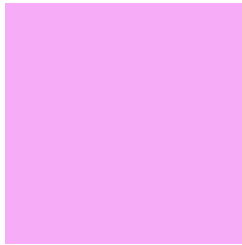
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RYB color 246, 172, 246 looks on a white background.

Color Contrast Check

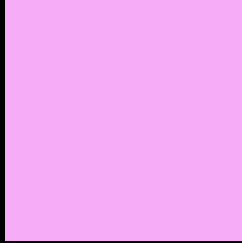
Large Text (above 18pt) WCAG AA × Fail

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 246, 172, 246 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](#).

R Y B 246, 172, 246 Background



This preview shows how black text looks on a background with the R Y B color 246, 172, 246.




This preview shows how white text looks on a background with the R Y B color 246, 172, 246.

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
239, 182, 196

Trichromacy



Original Color

246, 172, 246



Protanomaly

205, 187, 252



Deuteranomaly

213, 185, 243



Tritanomaly

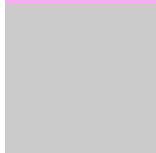
242, 178, 214

Monochromacy



Original Color

246, 172, 246



Achromatopsia

203, 203, 203



Achromatomaly

219, 192, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 172, 246 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(246, 172, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 172, 246)  
}
```

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(246, 172, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 172, 246) }
```

Border

The CSS property to change the border of an element to RYB 246, 172, 246 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(246, 172, 246) }
```

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

```
.border{ border-color:rgb(246, 172, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 172, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 172, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 172, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 172,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 246, 172, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 172, 246) }
```

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

```
.background{ background-color: rgb(246,  
172, 246) }
```

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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