

Converting Colors

`RYB(228, 183, 218)`

Have a look what the booklet for RYB(228, 183, 218) contains.

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Color

`RYB(228, 183, 218)`

Conversions

Conversions Part 1

Format	Color
Hex	E4B7DA
RGB	228, 183, 218
RGB Percent	89%, 72%, 85%
CMY	0.1059, 0.2824, 0.1451
CMYK	0.00, 0.20, 0.04, 0.11
HSL	313°, 45%, 81%
HSV	313°, 20%, 89%
XYZ	61.5833, 55.4229, 73.7816
YIQ	200.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

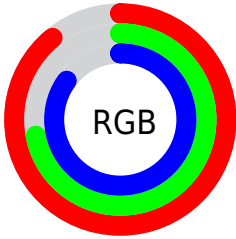
Format	Color
R _Y B	228, 183, 218
Decimal	14989274
CIE Lab	79.28, 21.95, -11.38
CIE LCh	79, 24.727, 332.586
Yxy	55.4229, 0.3228, 0.2905
Android (android.graphics.Color)	4293179354 (0xFFE4B7DA)
YUV	200.4450, 8.6546, 24.1657
Hunter-Lab	74.4466, 17.3763, -6.6478

Details

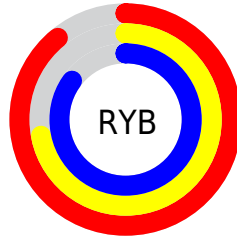
The RYB color **228, 183, 218** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **183, 220, 228**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 239, 255**, and **172, 130, 163** is the 20% darker color. If you saturate the color by 10%, you get **228, 160, 213**, and if you desaturate by 10%, it is **228, 206, 223**.

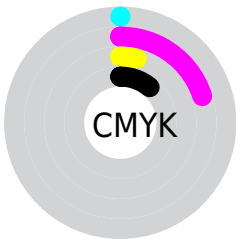
Distribution



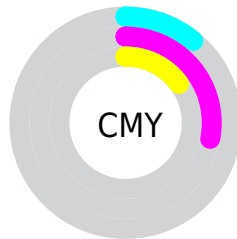
- Red (89%)
- Green (72%)
- Blue (85%)



- Red (89%)
- Yellow (72%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 183, 218 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 228, 183, 218 by changing the saturation by 10% instead.

■ 228, 183, 218

255, 255, 255

■ 255, 239, 255

■ 228, 183, 218

■ 200, 156, 190

■ 172, 130, 163

■ 145, 104, 137

■ 119, 80, 111

■ 94, 56, 87

■ 70, 34, 64

■ 47, 12, 42

■ 28, 0, 21

■ 0, 0, 0

 228, 183, 218

 228, 183, 218

 228, 160, 213

 228, 206, 223

 228, 137, 208

 228, 229, 229

 228, 115, 203

 228, 247, 251

 228, 92, 198

 228, 248, 255

 228, 69, 193

 228, 245, 255

 228, 46, 188

 228, 244, 255

 228, 23, 183

 228, 242, 255

 228, 1, 177

 228, 242, 255

 228, 0, 177

Harmonies

Analogous

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



203, 190, 235



228, 183, 218



242, 180, 195

Triad

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



228, 183, 218



175, 212, 151



131, 173, 220

Complementary

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



228, 183, 218



183, 220, 228

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.



139, 178, 210



228, 183, 218



157, 203, 173

Square

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



228, 183, 218



232, 211, 156



160, 196, 207



144, 180, 237

Rectangle

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



228, 183, 218



244, 181, 180



160, 196, 207



132, 171, 213

Sweetspot

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



228, 183, 218



255, 240, 252



193, 183, 228



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



228, 183, 218



255, 194, 241



228, 183, 196



115, 103, 112



179, 0, 139



51, 0, 40

Inverse Universe

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



228, 183, 218



255, 194, 241



183, 209, 228



115, 103, 112



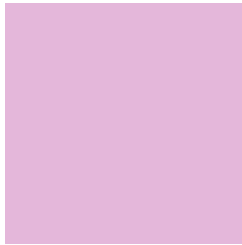
179, 0, 139



51, 0, 40

Previews

White Background



This preview shows how the RYB color 228, 183, 218 looks on a white background.

Color Contrast Check

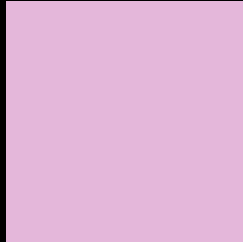
Large Text (above 18pt) WCAG AA × Fail

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 228, 183, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

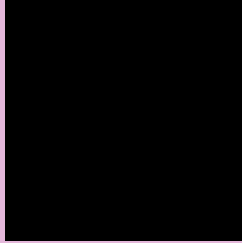
Any Text WCAG AA ✓ Pass

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 228, 183, 218 Background



This preview shows how black text looks on a background with the RYB color 228, 183, 218.

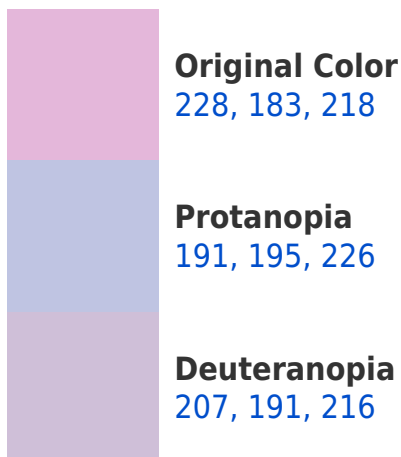



This preview shows how white text looks on a background with the RYB color 228, 183, 218.

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
226, 186, 200

Trichromacy



Original Color
228, 183, 218

Protanomaly
204, 191, 223

Deuteranomaly
215, 188, 217

Tritanomaly
227, 185, 207

Monochromacy



Original Color
228, 183, 218

Achromatopsia
200, 200, 200

Achromatomaly
210, 194, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 183, 218 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(228, 183, 218) looks like.

```
.text, #text, p{  
    color:rgb(228, 183, 218)  
}
```

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(228, 183, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 183, 218) }
```

Border

The CSS property to change the border of an element to RYB 228, 183, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

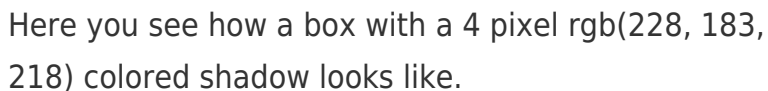
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 183, 218) }
```

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

```
.border{ border-color:rgb(228, 183, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 183, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 183, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 183, 218); box-shadow:4px 4px 4px 4px rgb(228, 183, 218) }
```

Background

The CSS property to change the background color of an element to RYB 228, 183, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 183, 218) }
```

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

```
.background{ background-color: rgb(228,  
183, 218) }
```

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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