

Converting Colors

`RYB(228, 191, 232)`

Have a look what the booklet for
RYB(228, 191, 232) contains.

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Color

R_YB(228, 191, 232)

Conversions

Conversions Part 1

Format	Color
Hex	E4BFE8
RGB	228, 191, 232
RGB Percent	89%, 75%, 91%
CMY	0.1059, 0.2510, 0.0902
CMYK	0.02, 0.18, 0.00, 0.09
HSL	294°, 47%, 83%
HSV	294°, 18%, 91%
XYZ	65.1912, 59.5818, 84.4084
YIQ	206.7370, 8.8910, 20.5950

Conversions

Conversions Part 2

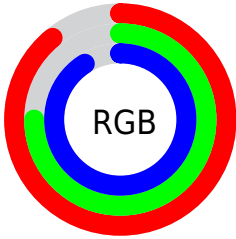
Format	Color
R_{YB}	228, 191, 232
Decimal	14991336
CIE _{Lab}	81.61, 20.21, -15.43
CIE _{LCh}	82, 25.431, 322.638
Yxy	59.5818, 0.3116, 0.2848
Android (android.graphics.Color)	4293181416 (0xFFE4BFE8)
YUV	206.7370, 12.4547, 18.6477
Hunter-Lab	77.1892, 15.6734, -10.8027

Details

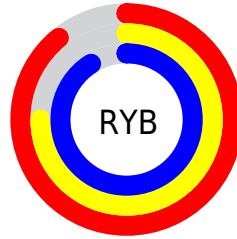
The RYB color **228, 191, 232** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **191, 232, 228**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 248, 255**, and **172, 137, 176** is the 20% darker color. If you saturate the color by 10%, you get **226, 168, 232**, and if you desaturate by 10%, it is **230, 214, 232**.

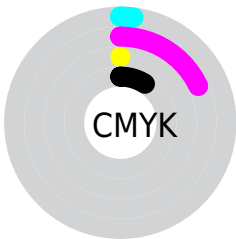
Distribution



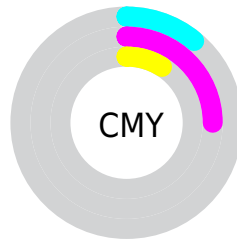
- Red (89%)
- Green (75%)
- Blue (91%)



- Red (89%)
- Yellow (75%)
- Blue (91%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 228, 191, 232 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, 191, 232 by changing the saturation by 10% instead.


 228, 191, 232


255, 255, 255


 255, 248, 255

 228, 191, 232

 200, 164, 204


 172, 137, 176

 146, 112, 150

 120, 87, 124

 94, 64, 99

 70, 41, 75

 47, 20, 52

 29, 0, 31

 0, 0, 2

 228, 191, 232


 228, 191, 232

 226, 168, 232

 230, 214, 232

 223, 145, 232

 232, 237, 236

 221, 121, 232

 232, 255, 252

 219, 98, 232

 232, 255, 250

 217, 75, 232


 232, 255, 248

 214, 52, 232

 232, 255, 245

 212, 29, 232

 232, 255, 243

 210, 5, 232

 232, 255, 241

 209, 0, 232

 232, 255, 239

Harmonies

Analogous

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



199, 199, 247



228, 191, 232



247, 186, 210

Triad

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



228, 191, 232



200, 226, 156



136, 177, 220

Complementary

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



228, 191, 232



191, 232, 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.



150, 189, 216



228, 191, 232



159, 207, 164

Square

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



228, 191, 232



244, 205, 166



173, 213, 212



142, 183, 240

Rectangle

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



228, 191, 232



252, 186, 193



173, 213, 212



139, 179, 216

Sweetspot

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



228, 191, 232



254, 242, 255



191, 195, 232



127, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



228, 191, 232



250, 201, 255



232, 191, 216



114, 103, 115



161, 0, 179



46, 0, 51

Inverse Universe

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



232, 191, 195



255, 201, 207



191, 220, 232



115, 103, 104



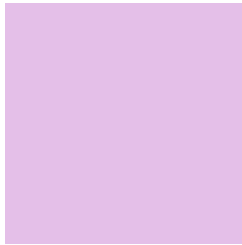
179, 0, 17



51, 0, 5

Previews

White Background



This preview shows how the RYB color 228, 191, 232 looks on a white background.

Color Contrast Check

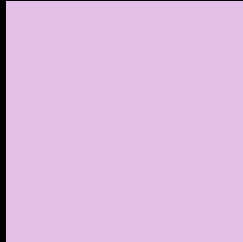
Large Text (above 18pt) WCAG AA × Fail

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, 191, 232 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, 191, 232 Background



This preview shows how black text looks on a background with the RYB color 228, 191, 232.

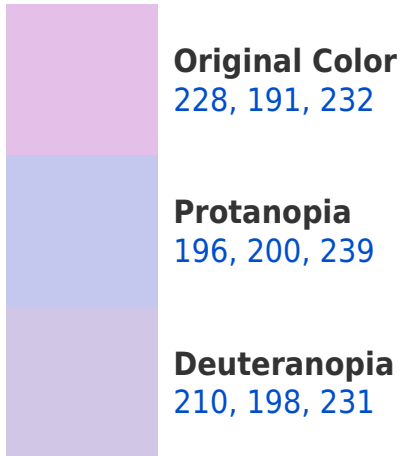



This preview shows how white text looks on a background with the RYB color 228, 191, 232.

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, 195, 210

Trichromacy



Original Color

228, 191, 232

Protanomaly

208, 197, 236

Deuteranomaly

217, 195, 231

Tritanomaly

226, 194, 218

Monochromacy



Original Color

228, 191, 232

Achromatopsia

207, 207, 207

Achromatomaly

215, 201, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 191, 232 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, 191, 232) looks like.

```
.text, #text, p{  
    color:rgb(228, 191, 232)  
}
```

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, 191, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 191, 232) }
```

Border

The CSS property to change the border of an element to RYB 228, 191, 232 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, 191, 232) }
```

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

```
.border{ border-color:rgb(228, 191, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 191, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 191, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 191, 232);  
box-shadow:4px 4px 4px 4px rgb(228, 191,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 228, 191, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 191, 232) }
```

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

```
.background{ background-color: rgb(228,  
191, 232) }
```

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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