

Converting Colors

`RYB(219, 184, 252)`

Have a look what the booklet for
RYB(219, 184, 252) contains.

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Color

R_YB(219, 184, 252)

Conversions

Conversions Part 1

Format	Color
Hex	DBB8FC
RGB	219, 184, 252
RGB Percent	86%, 72%, 99%
CMY	0.1412, 0.2784, 0.0118
CMYK	0.13, 0.27, 0.00, 0.01
HSL	271°, 92%, 85%
HSV	271°, 27%, 99%
XYZ	63.9246, 56.3693, 99.6066
YIQ	202.2170, -0.9680, 28.5680

Conversions

Conversions Part 2

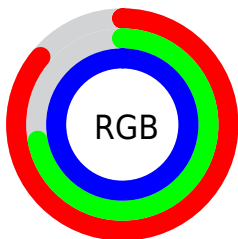
Format	Color
R _Y B	219, 184, 252
Decimal	14399740
CIE _{Lab}	79.82, 25.04, -28.94
CIE _{LCh}	80, 38.268, 310.870
Y _{xy}	56.3693, 0.2907, 0.2563
Android (android.graphics.Color)	4292589820 (0xFFDDBB8FC)
Y _{UV}	202.2170, 24.5430, 14.7187
Hunter-Lab	75.0795, 20.5903, -26.1033

Details

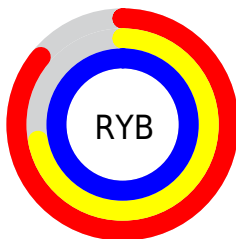
The RYB color **219, 184, 252** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **184, 252, 219**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 240, 255**, and **163, 131, 195** is the 20% darker color. If you saturate the color by 10%, you get **207, 159, 252**, and if you desaturate by 10%, it is **231, 209, 252**.

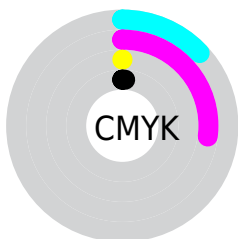
Distribution



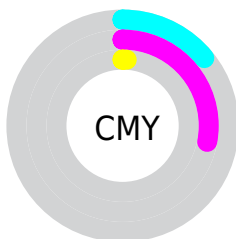
- Red (86%)
- Green (72%)
- Blue (99%)



- Red (86%)
- Yellow (72%)
- Blue (99%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)




- Cyan (14%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RYB color 219, 184, 252 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 219, 184, 252 by changing the saturation by 10% instead.

 219, 184, 252

255, 255, 255


 255, 240, 255

 219, 184, 252


 191, 157, 223

 163, 131, 195

 137, 105, 168

 111, 81, 141

 85, 57, 115

 61, 35, 91

 37, 14, 67

 20, 0, 45

 0, 1, 23

■ 219, 184, 252

■ 219, 184, 252

■ 207, 159, 252

■ 231, 209, 252

■ 195, 134, 252

■ 243, 234, 252

■ 182, 108, 252

252, 255, 252

■ 170, 83, 252

■ 158, 58, 252

■ 146, 33, 252

■ 133, 8, 252

■ 130, 0, 252

Harmonies

Analogous

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



169, 190, 255



219, 184, 252



253, 174, 222

Triad

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



219, 184, 252



236, 242, 131



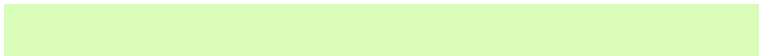
84, 152, 217

Complementary

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



219, 184, 252



184, 252, 219

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.



127, 185, 215



219, 184, 252



137, 209, 127

Square

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



219, 184, 252



255, 183, 153



143, 210, 183



71, 149, 243

Rectangle

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



219, 184, 252



255, 171, 198



143, 210, 183



98, 163, 217

Sweetspot

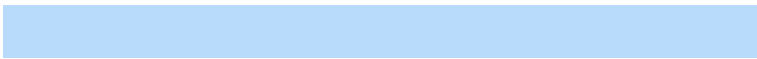
The Sweet Spot groups the original color and five complimentary colors.



219, 184, 252



245, 235, 255



184, 207, 252



121, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 184, 252



215, 173, 255



252, 184, 252



119, 112, 125



97, 0, 189



31, 0, 61

Inverse Universe

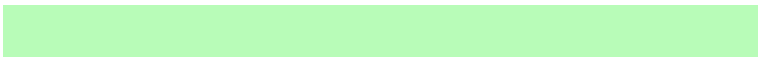
The Inverse Universe completely reimagines the original color for something new.



252, 184, 217



255, 173, 213



184, 252, 252



125, 112, 119



189, 0, 92



61, 0, 30

Previews

White Background



This preview shows how the RYB color 219, 184, 252 looks on a white background.

Color Contrast Check

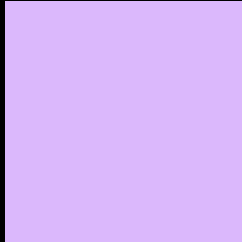
Large Text (above 18pt) WCAG AA × Fail

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 219, 184, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

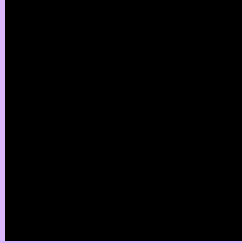
Any Text WCAG AA ✓ Pass

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 219, 184, 252 Background



This preview shows how black text looks on a background with the RYB color 219, 184, 252.



This preview shows how white text looks on a background with the RYB color 219, 184, 252.

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
219, 184, 252

Protanopia
182, 194, 255

Deuteranopia
190, 194, 250



Tritanopia
212, 192, 207

Trichromacy



Original Color

219, 184, 252



Protanomaly

195, 192, 254



Deuteranomaly

201, 190, 251



Tritanomaly

215, 189, 223

Monochromacy



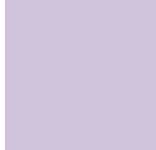
Original Color

219, 184, 252



Achromatopsia

202, 202, 202



Achromatomaly

208, 195, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 184, 252 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(219, 184, 252) looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 252)  
}
```

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(219, 184, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 252) }
```

Border

The CSS property to change the border of an element to RYB 219, 184, 252 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(219, 184, 252) }
```

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

```
.border{ border-color:rgb(219, 184, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 184, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 252);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 219, 184, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 252) }
```

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

```
.background{ background-color: rgb(219,  
184, 252) }
```

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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