

Converting Colors

`RYB(222, 184, 255)`

Have a look what the booklet for
RYB(222, 184, 255) contains.

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Color

R_YB(222, 184, 255)

Conversions

Conversions Part 1

Format	Color
Hex	DEB8FF
RGB	222, 184, 255
RGB Percent	87%, 72%, 100%
CMY	0.1294, 0.2784, 0.0000
CMYK	0.13, 0.28, 0.00, 0.00
HSL	272°, 100%, 86%
HSV	272°, 28%, 100%
XYZ	65.3147, 57.0306, 102.1733
YIQ	203.4560, -0.1430, 30.1370

Conversions

Conversions Part 2

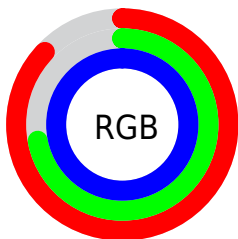
Format	Color
R _Y B	222, 184, 255
Decimal	14596351
CIE Lab	80.20, 26.58, -29.95
CIE LCh	80, 40.045, 311.595
Yxy	57.0306, 0.2909, 0.2540
Android (android.graphics.Color)	4292786431 (0xFFDEB8FF)
YUV	203.4560, 25.4112, 16.2631
Hunter-Lab	75.5186, 22.2240, -27.3537

Details

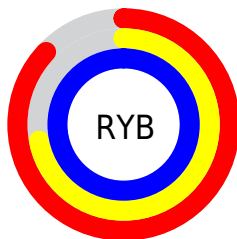
The RYB color **222, 184, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **184, 255, 222**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 240, 255**, and **166, 131, 198** is the 20% darker color. If you saturate the color by 10%, you get **210, 159, 255**, and if you desaturate by 10%, it is **234, 210, 255**.

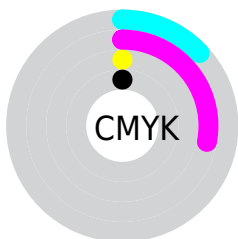
Distribution



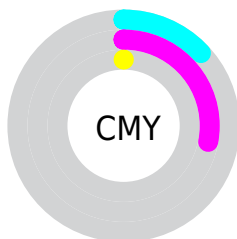
- Red (87%)
- Green (72%)
- Blue (100%)



- Red (87%)
- Yellow (72%)
- Blue (100%)



- Cyan (13%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (13%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 184, 255 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 222, 184, 255 by changing the saturation by 10% instead.

 222, 184, 255

255, 255, 255

 255, 240, 255

 222, 184, 255


 194, 157, 226

 166, 131, 198

 139, 105, 171

 113, 81, 144

 88, 57, 118

 63, 35, 93

 39, 13, 69

 22, 0, 47

 0, 1, 25

■ 222, 184, 255

■ 222, 184, 255

■ 210, 159, 255

■ 234, 210, 255

■ 198, 133, 255

■ 246, 235, 255

■ 186, 107, 255

255, 255, 255

■ 175, 82, 255

■ 163, 57, 255

■ 151, 31, 255

■ 139, 6, 255

■ 136, 0, 255

Harmonies

Analogous

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



169, 191, 255



222, 184, 255



255, 173, 223

Triad

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



222, 184, 255



233, 244, 128



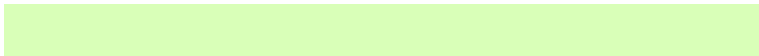
75, 149, 219

Complementary

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



222, 184, 255



184, 255, 222

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.



122, 183, 217



222, 184, 255



135, 210, 125

Square

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



222, 184, 255



255, 186, 151



142, 211, 185



58, 144, 247

Rectangle

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



222, 184, 255



255, 170, 198



142, 211, 185



90, 160, 219

Sweetspot

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



222, 184, 255



246, 235, 255



184, 207, 255



122, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



222, 184, 255



216, 171, 255



255, 184, 253



122, 115, 128



102, 0, 191



34, 0, 64

Inverse Universe

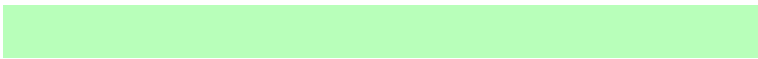
The Inverse Universe completely reimagines the original color for something new.



255, 184, 217



255, 171, 210



184, 253, 255



128, 115, 121



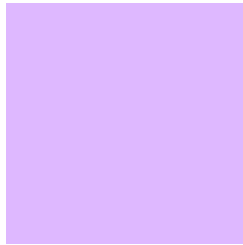
191, 0, 89



64, 0, 30

Previews

White Background



This preview shows how the RYB color 222, 184, 255 looks on a white background.

Color Contrast Check

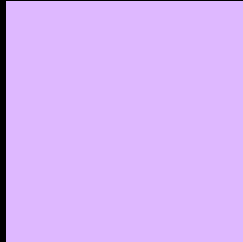
Large Text (above 18pt) WCAG AA × Fail

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 222, 184, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

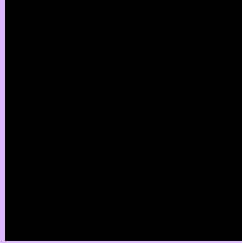
Any Text WCAG AA ✓ Pass

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 222, 184, 255 Background



This preview shows how black text looks on a background with the RYB color 222, 184, 255.



This preview shows how white text looks on a background with the RYB color 222, 184, 255.

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
222, 184, 255

Protanopia
184, 195, 255

Deuteranopia
190, 195, 253



Tritanopia
214, 193, 208

Trichromacy



Original Color

222, 184, 255



Protanomaly

198, 192, 255



Deuteranomaly

202, 191, 254



Tritanomaly

217, 190, 225

Monochromacy



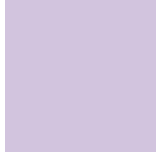
Original Color

222, 184, 255



Achromatopsia

203, 203, 203



Achromatomaly

210, 196, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 184, 255 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(222, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 255)  
}
```

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(222, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 255) }
```

Border

The CSS property to change the border of an element to RYB 222, 184, 255 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(222, 184, 255) }
```

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

```
.border{ border-color:rgb(222, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 222, 184, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 255) }
```

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

```
.background{ background-color: rgb(222,  
184, 255) }
```

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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