

Converting Colors

`RYB(225, 196, 255)`

Have a look what the booklet for
RYB(225, 196, 255) contains.

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Color

R_YB(225, 196, 255)

Conversions

Conversions Part 1

Format	Color
Hex	E1C4FF
RGB	225, 196, 255
RGB Percent	88%, 77%, 100%
CMY	0.1176, 0.2314, 0.0000
CMYK	0.12, 0.23, 0.00, 0.00
HSL	269°, 100%, 88%
HSV	269°, 23%, 100%
XYZ	68.8413, 62.7074, 103.0832
YIQ	211.3970, -1.6550, 24.4970

Conversions

Conversions Part 2

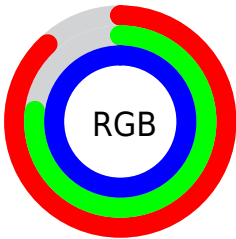
Format	Color
R_{YB}	225, 196, 255
Decimal	14796031
CIE Lab	83.29, 21.06, -25.20
CIE LCh	83, 32.841, 309.891
Yxy	62.7074, 0.2934, 0.2673
Android (android.graphics.Color)	4292986111 (0xFFE1C4FF)
YUV	211.3970, 21.4963, 11.9298
Hunter-Lab	79.1880, 16.5981, -21.7493

Details

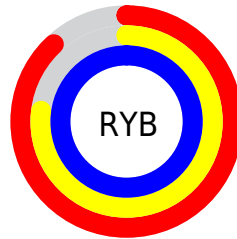
The RYB color **225, 196, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **196, 255, 225**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 253, 255**, and **169, 142, 198** is the 20% darker color. If you saturate the color by 10%, you get **212, 171, 255**, and if you desaturate by 10%, it is **238, 222, 255**.

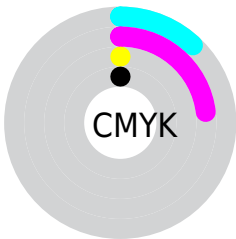
Distribution



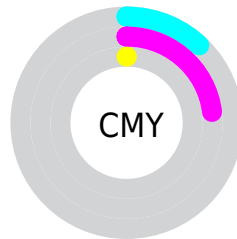
- Red (88%)
- Green (77%)
- Blue (100%)



- Red (88%)
- Yellow (77%)
- Blue (100%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)




- Cyan (12%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 196, 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 225, 196, 255 by changing the saturation by 10% instead.

 225, 196, 255


 225, 196, 255

255, 255, 255


 197, 169, 226

 255, 253, 255


 169, 142, 198

 142, 116, 171

 116, 92, 144

 91, 68, 118

 67, 45, 93

 43, 24, 70

 23, 0, 47

 0, 1, 26

■ 225, 196, 255

■ 225, 196, 255

■ 212, 171, 255

■ 238, 222, 255

■ 199, 145, 255

■ 251, 247, 255

■ 186, 120, 255

255, 255, 255

■ 173, 94, 255

■ 160, 69, 255

■ 147, 43, 255

■ 134, 18, 255

■ 125, 0, 255

Harmonies

Analogous

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



183, 201, 255



225, 196, 255



255, 187, 229

Triad

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



225, 196, 255



248, 244, 150



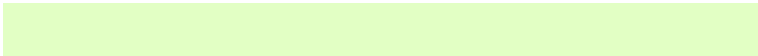
120, 175, 225

Complementary

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



225, 196, 255



196, 255, 225

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.



149, 199, 223



225, 196, 255



158, 219, 146

Square

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



225, 196, 255



255, 195, 169



159, 218, 192



113, 173, 246

Rectangle

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



225, 196, 255



255, 185, 209



159, 218, 192



128, 182, 225

Sweetspot

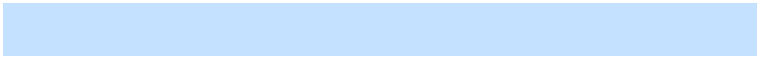
The Sweet Spot groups the original color and five complimentary colors.



225, 196, 255



246, 237, 255



196, 216, 255



122, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 196, 255



219, 184, 255



254, 196, 255



121, 115, 128



94, 0, 191



31, 0, 64

Inverse Universe

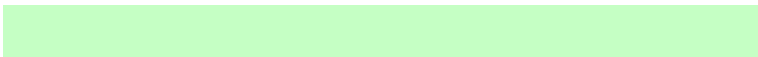
The Inverse Universe completely reimagines the original color for something new.



255, 196, 226



255, 184, 220



196, 255, 254



128, 115, 121



191, 0, 97



64, 0, 32

Previews

White Background



This preview shows how the RYB color 225, 196, 255 looks on a white background.

Color Contrast Check

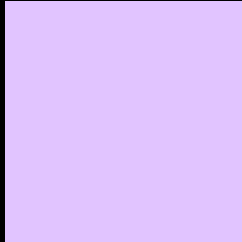
Large Text (above 18pt) WCAG AA × Fail

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 225, 196, 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 225, 196, 255 Background



This preview shows how black text looks on a background with the RYB color 225, 196, 255.

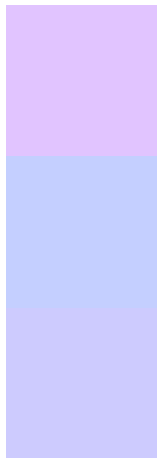


This preview shows how white text looks on a background with the RYB color 225, 196, 255.

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
225, 196, 255

Protanopia
196, 205, 255

Deuteranopia
205, 203, 254



Tritanopia
219, 203, 219

Trichromacy



Original Color
225, 196, 255

Protanomaly
207, 202, 255

Deuteranomaly
212, 200, 254

Tritanomaly
221, 200, 232

Monochromacy



Original Color
225, 196, 255

Achromatopsia
211, 211, 211

Achromatomaly
216, 206, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 196, 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(225, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 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(225, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 255) }
```

Border

The CSS property to change the border of an element to RYB 225, 196, 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(225, 196, 255) }
```

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

```
.border{ border-color:rgb(225, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 196,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 225, 196, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 255) }
```

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

```
.background{ background-color: rgb(225,  
196, 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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