

Converting Colors

`RYB(184, 145, 255)`

Have a look what the booklet for
RYB(184, 145, 255) contains.

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Color

R_YB(184, 145, 255)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B891FF |
| RGB | 184, 145, 255 |
| RGB Percent | 72%, 57%, 100% |
| CMY | 0.2784, 0.4314, 0.0000 |
| CMYK | 0.28, 0.43, 0.00, 0.00 |
| HSL | 261°, 100%, 78% |
| HSV | 261°, 43%, 100% |
| XYZ | 47.9426, 37.6611, 99.3502 |
| YIQ | 169.2010, -12.0660, 42.4780 |

Conversions

Conversions Part 2

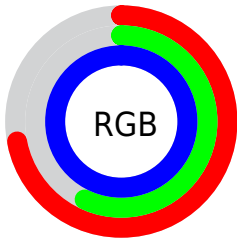
| Format | Color |
|-------------------------------------|---|
| RYB | 184, 145, 255 |
| Decimal | 12095999 |
| CIELab | 67.77, 36.94, -49.55 |
| CIElCh | 68, 61.804, 306.700 |
| Yxy | 37.6611, 0.2592, 0.2036 |
| Android (android.graphics.Color) | 4290286079 (0xFFB891FF) |
| YUV | 169.2010, 42.2989, 12.9787 |
| Hunter-Lab | 61.3687, 32.0530, -53.0270 |

Details

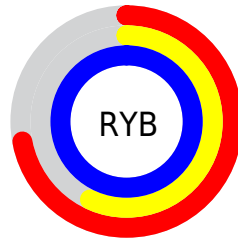
The RYB color **184, 145, 255** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **145, 255, 184**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **242, 199, 255**, and **128, 94, 198** is the 20% darker color. If you saturate the color by 10%, you get **168, 120, 255**, and if you desaturate by 10%, it is **200, 171, 255**.

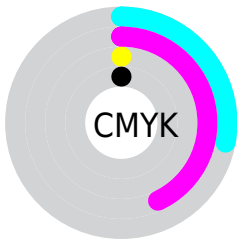
Distribution



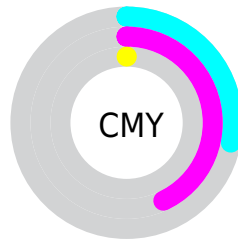
- Red (72%)
- Green (57%)
- Blue (100%)



- Red (72%)
- Yellow (57%)
- Blue (100%)



- Cyan (28%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)




- Cyan (28%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the RYB color 184, 145, 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 184, 145, 255 by changing the saturation by 10% instead.

 184, 145, 255

255, 255, 255


 242, 199, 255

 255, 228, 255

 184, 145, 255

 156, 119, 226

 128, 94, 198

 101, 69, 170


 74, 46, 143


 46, 23, 117

 10, 1, 92


 0, 0, 68


 0, 3, 44


 0, 1, 23


 184, 145, 255

 184, 145, 255

 168, 120, 255

 200, 171, 255

 151, 94, 255


 217, 196, 255

 135, 68, 255


 233, 222, 255

 118, 43, 255

 250, 247, 255

 102, 17, 255

255, 255, 255

 90, 0, 255

Harmonies

Analogous

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



69, 133, 255



184, 145, 255



242, 122, 210

Triad

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



184, 145, 255



221, 229, 59



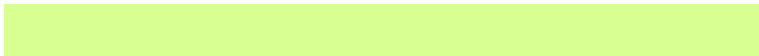
0, 100, 192

Complementary

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



184, 145, 255



145, 255, 184

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.



0, 116, 189



184, 145, 255



62, 183, 43

Square

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



184, 145, 255



255, 129, 101



70, 181, 127



0, 104, 230

Rectangle

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



184, 145, 255



255, 114, 174



70, 181, 127



0, 106, 192

Sweetspot

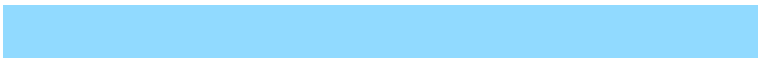
The Sweet Spot groups the original color and five complimentary colors.



184, 145, 255



234, 222, 255



145, 189, 255



114, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 145, 255



169, 122, 255



238, 145, 255



119, 115, 128



68, 0, 191



23, 0, 64

Inverse Universe

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



255, 145, 216



255, 122, 208



145, 255, 238



128, 115, 123



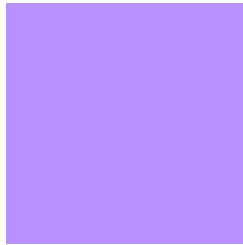
191, 0, 123



64, 0, 41

Previews

White Background



This preview shows how the RYB color 184, 145, 255 looks on a white background.

Color Contrast Check

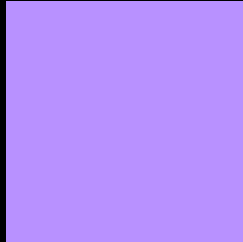
Large Text (above 18pt) WCAG AA × Fail

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 184, 145, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

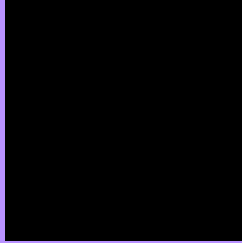
Any Text WCAG AA ✓ Pass

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 184, 145, 255 Background



This preview shows how black text looks on a background with the RYB color 184, 145, 255.




This preview shows how white text looks on a background with the RYB color 184, 145, 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





Tritanopia
169, 163, 175

Trichromacy



Original Color

184, 145, 255



Protanomaly

150, 156, 255



Deuteranomaly

146, 157, 252



Tritanomaly

174, 156, 204

Monochromacy



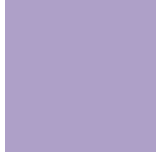
Original Color

184, 145, 255



Achromatopsia

169, 169, 169



Achromatomaly

174, 160, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 145, 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(184, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 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(184, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 255) }
```

Border

The CSS property to change the border of an element to RYB 184, 145, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

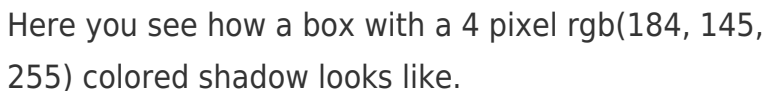
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 145, 255) }
```

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

```
.border{ border-color:rgb(184, 145, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 145, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 145, 255); box-shadow:4px 4px 4px 4px rgb(184, 145, 255) }
```

Background

The CSS property to change the background color of an element to RYB 184, 145, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 255) }
```

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

```
.background{ background-color: rgb(184,  
145, 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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