

Converting Colors

`RYB(186, 145, 255)`

Have a look what the booklet for
RYB(186, 145, 255) contains.

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Color

R_YB(186, 145, 255)

Conversions

Conversions Part 1

Format	Color
Hex	BA91FF
RGB	186, 145, 255
RGB Percent	73%, 57%, 100%
CMY	0.2706, 0.4314, 0.0000
CMYK	0.27, 0.43, 0.00, 0.00
HSL	262°, 100%, 78%
HSV	262°, 43%, 100%
XYZ	48.4251, 37.9099, 99.3728
YIQ	169.7990, -10.8740, 42.9020

Conversions

Conversions Part 2

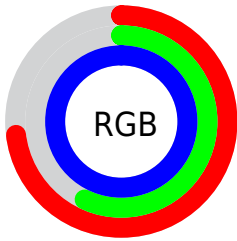
Format	Color
RYB	186, 145, 255
Decimal	12227071
CIELab	67.95, 37.47, -49.25
CIELCh	68, 61.885, 307.266
Yxy	37.9099, 0.2608, 0.2041
Android (android.graphics.Color)	4290417151 (0xFFBA91FF)
YUV	169.7990, 42.0041, 14.2083
Hunter-Lab	61.5710, 32.6395, -52.5916

Details

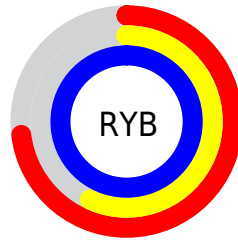
The RYB color **186, 145, 255** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **145, 255, 186**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **244, 199, 255**, and **130, 94, 198** is the 20% darker color. If you saturate the color by 10%, you get **170, 120, 255**, and if you desaturate by 10%, it is **202, 171, 255**.

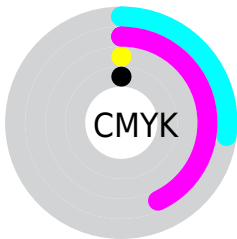
Distribution



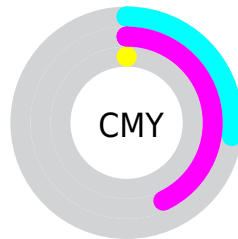
- Red (73%)
- Green (57%)
- Blue (100%)



- Red (73%)
- Yellow (57%)
- Blue (100%)



- Cyan (27%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the RYB color 186, 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 186, 145, 255 by changing the saturation by 10% instead.

 186, 145, 255

255, 255, 255


 244, 199, 255

 255, 228, 255

 186, 145, 255

 158, 119, 226

 130, 94, 198

 103, 69, 170


 76, 46, 143

 48, 23, 117

 15, 1, 92


 0, 0, 68


 0, 3, 44

 0, 1, 23

 186, 145, 255

 186, 145, 255

 170, 120, 255

 202, 171, 255

 154, 94, 255


 218, 196, 255

 138, 68, 255

 234, 222, 255

 122, 43, 255

 250, 247, 255

 106, 17, 255

255, 255, 255

 95, 0, 255

Harmonies

Analogous

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



74, 135, 255



186, 145, 255



244, 123, 210

Triad

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



186, 145, 255



217, 229, 59



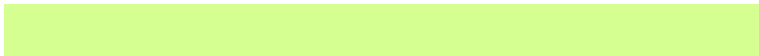
0, 100, 193

Complementary

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



186, 145, 255



145, 255, 186

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, 190



186, 145, 255



62, 183, 44

Square

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



186, 145, 255



255, 129, 101



71, 181, 129



0, 105, 232

Rectangle

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



186, 145, 255



255, 114, 173



71, 181, 129



0, 105, 192

Sweetspot

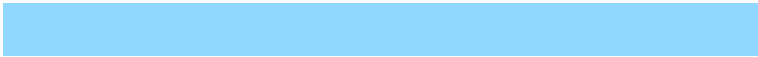
The Sweet Spot groups the original color and five complimentary colors.



186, 145, 255



234, 222, 255



145, 188, 255



115, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 145, 255



172, 122, 255



240, 145, 255



120, 115, 128



71, 0, 191



24, 0, 64

Inverse Universe

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



255, 145, 214



255, 122, 206



145, 255, 240



128, 115, 123



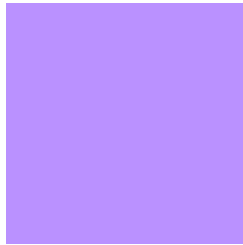
191, 0, 120



64, 0, 40

Previews

White Background



This preview shows how the RYB color 186, 145, 255 looks on a white background.

Color Contrast Check

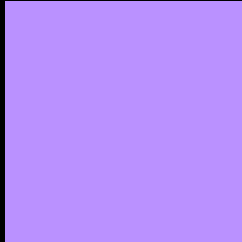
Large Text (above 18pt) WCAG AA × Fail

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 186, 145, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

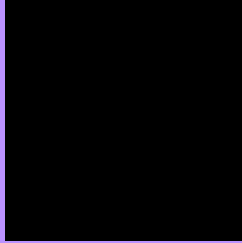
Any Text WCAG AA ✓ Pass

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 186, 145, 255 Background



This preview shows how black text looks on a background with the RYB color 186, 145, 255.



This preview shows how white text looks on a background with the RYB color 186, 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
171, 163, 175

Trichromacy



Original Color

186, 145, 255



Protanomaly

152, 156, 255



Deuteranomaly

147, 157, 252



Tritanomaly

176, 156, 204

Monochromacy



Original Color

186, 145, 255



Achromatopsia

170, 170, 170



Achromatomaly

176, 161, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 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(186, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 145, 255) }
```

Border

The CSS property to change the border of an element to RYB 186, 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(186, 145, 255) }
```

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

```
.border{ border-color:rgb(186, 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(186, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 145, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 145, 255); box-shadow:4px 4px 4px 4px rgb(186, 145, 255) }
```

Background

The CSS property to change the background color of an element to RYB 186, 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(186, 145, 255) }
```

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

```
.background{ background-color: rgb(186,  
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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