

Converting Colors

`RYB(184, 125, 255)`

Have a look what the booklet for RYB(184, 125, 255) contains.

RYB(184, 125, 255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(184, 125, 255)

Conversions

Conversions Part 1

Format	Color
Hex	B87DFF
RGB	184, 125, 255
RGB Percent	72%, 49%, 100%
CMY	0.2784, 0.5098, 0.0000
CMYK	0.28, 0.51, 0.00, 0.00
HSL	267°, 100%, 75%
HSV	267°, 51%, 100%
XYZ	45.1508, 32.0776, 98.4196
YIQ	157.4610, -6.5660, 52.9380

Conversions

Conversions Part 2

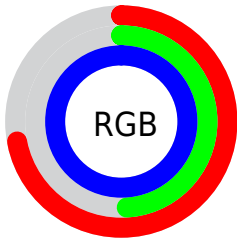
Format	Color
RYB	184, 125, 255
Decimal	12090879
CIELab	63.41, 47.86, -56.47
CIELCh	63, 74.023, 310.284
Yxy	32.0776, 0.2571, 0.1826
Android (android.graphics.Color)	4290280959 (0xFFB87DFF)
YUV	157.4610, 48.0867, 23.2747
Hunter-Lab	56.6371, 43.1844, -63.3837

Details

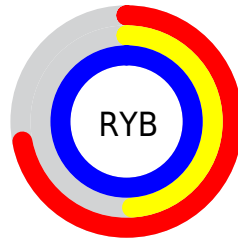
The RYB color **184, 125, 255** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **125, 255, 184**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **243, 179, 255**, and **127, 74, 198** is the 20% darker color. If you saturate the color by 10%, you get **170, 100, 255**, and if you desaturate by 10%, it is **198, 151, 255**.

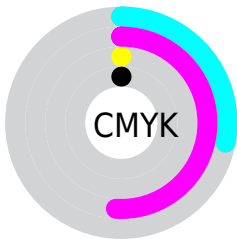
Distribution



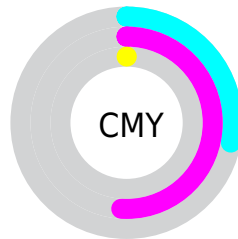
- Red (72%)
- Green (49%)
- Blue (100%)



- Red (72%)
- Yellow (49%)
- Blue (100%)



- Cyan (28%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)




- Cyan (28%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 125, 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, 125, 255 by changing the saturation by 10% instead.

 184, 125, 255

255, 255, 255

 243, 179, 255

 255, 207, 255

 255, 236, 255


 184, 125, 255

 155, 99, 226

 127, 74, 198

 99, 49, 170

 71, 23, 143


 41, 0, 116

 3, 0, 91


 0, 0, 67


 0, 3, 43


 0, 1, 22


 184, 125, 255

 184, 125, 255

 170, 100, 255

 198, 151, 255

 156, 74, 255


 212, 176, 255

 142, 49, 255

 226, 202, 255

 128, 23, 255

 240, 227, 255

 116, 0, 255

 254, 253, 255

 255, 255, 255

Harmonies

Analogous

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



0, 96, 255



184, 125, 255



248, 93, 200

Triad

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



184, 125, 255



139, 219, 0



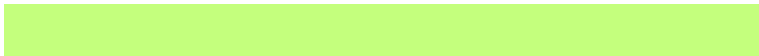
0, 94, 184

Complementary

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



184, 125, 255



125, 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, 114, 181



184, 125, 255



5, 163, 0

Square

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



184, 125, 255



255, 111, 71



39, 173, 123



0, 103, 238

Rectangle

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



184, 125, 255



255, 82, 156



39, 173, 123



0, 100, 183

Sweetspot

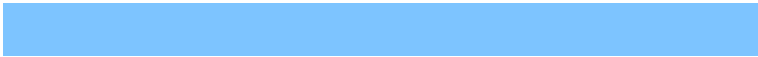
The Sweet Spot groups the original color and five complimentary colors.



184, 125, 255



234, 217, 255



125, 171, 255



115, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 125, 255



170, 99, 255



248, 125, 255



121, 115, 128



87, 0, 191



29, 0, 64

Inverse Universe

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



255, 125, 196



255, 99, 184



125, 255, 248



128, 115, 122



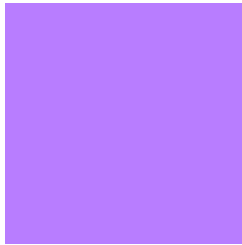
191, 0, 104



64, 0, 35

Previews

White Background



This preview shows how the RYB color 184, 125, 255 looks on a white background.

Color Contrast Check

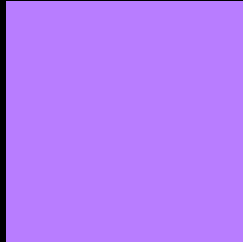
Large Text (above 18pt) WCAG AA × Fail

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, 125, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

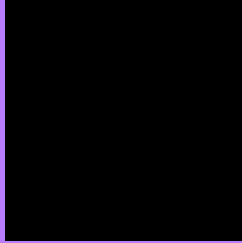
Any Text WCAG AA ✓ Pass

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, 125, 255 Background



This preview shows how black text looks on a background with the RYB color 184, 125, 255.

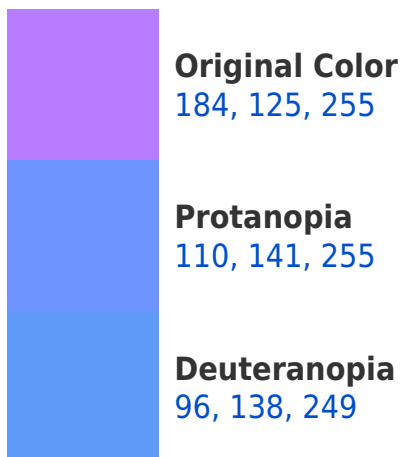


This preview shows how white text looks on a background with the RYB color 184, 125, 255.

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
167, 148, 160

Trichromacy



Original Color
184, 125, 255



Protanomaly
137, 141, 255



Deuteranomaly
128, 141, 251



Tritanomaly
173, 140, 195

Monochromacy



Original Color
184, 125, 255



Achromatopsia
157, 157, 157



Achromatomaly
167, 145, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 125, 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, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 125, 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, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 125, 255) }
```

Border

The CSS property to change the border of an element to RYB 184, 125, 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, 125, 255) }
```

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

```
.border{ border-color:rgb(184, 125, 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, 125, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 125, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 125, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 125,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 184, 125, 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, 125, 255) }
```

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

```
.background{ background-color: rgb(184,  
125, 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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