

Converting Colors

`RYB(186, 132, 225)`

Have a look what the booklet for
RYB(186, 132, 225) contains.

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Color

R_YB(186, 132, 225)

Conversions

Conversions Part 1

Format	Color
Hex	BA84E1
RGB	186, 132, 225
RGB Percent	73%, 52%, 88%
CMY	0.2706, 0.4824, 0.1176
CMYK	0.17, 0.41, 0.00, 0.12
HSL	275°, 61%, 70%
HSV	275°, 41%, 88%
XYZ	42.0916, 32.3779, 75.2652
YIQ	158.7480, 2.3310, 40.3710

Conversions

Conversions Part 2

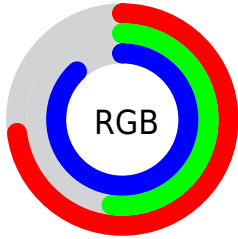
Format	Color
RYB	186, 132, 225
Decimal	12223713
CIELab	63.65, 37.78, -39.50
CIELCh	64, 54.660, 313.722
Yxy	32.3779, 0.2811, 0.2162
Android (android.graphics.Color)	4290413793 (0xFFBA84E1)
YUV	158.7480, 32.6622, 23.9000
Hunter-Lab	56.9016, 32.4634, -38.5934

Details

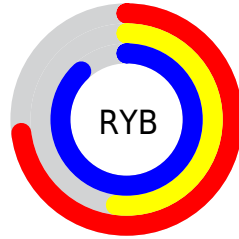
The RYB color **186, 132, 225** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **132, 225, 186**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **243, 186, 255**, and **131, 81, 169** is the 20% darker color. If you saturate the color by 10%, you get **177, 110, 225**, and if you desaturate by 10%, it is **195, 155, 225**.

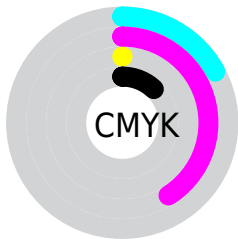
Distribution



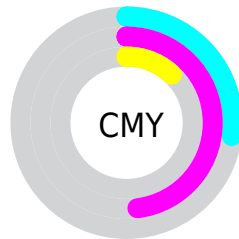
- Red (73%)
- Green (52%)
- Blue (88%)



- Red (73%)
- Yellow (52%)
- Blue (88%)



- Cyan (17%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (48%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 132, 225 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, 132, 225 by changing the saturation by 10% instead.


 186, 132, 225


255, 255, 255


 243, 186, 255

 255, 214, 255

 255, 243, 255

 186, 132, 225

 158, 106, 197

 131, 81, 169

 105, 57, 142

 79, 33, 117

 53, 7, 91

 29, 0, 67


 0, 0, 44

 0, 1, 23

 0, 0, 0

 186, 132, 225


 186, 132, 225

 177, 110, 225

 195, 155, 225

 167, 87, 225

 205, 177, 225

 158, 65, 225

 214, 200, 225

 148, 42, 225

 224, 222, 225

 139, 20, 225

 225, 244, 236

 131, 0, 225

 225, 255, 237

 225, 255, 228

 225, 255, 225

Harmonies

Analogous

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



107, 141, 249



186, 132, 225



230, 115, 183

Triad

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



186, 132, 225



162, 203, 57



0, 90, 178

Complementary

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



186, 132, 225



132, 225, 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, 103, 176



186, 132, 225



54, 160, 53

Square

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



186, 132, 225



233, 134, 89



80, 170, 145



0, 97, 220

Rectangle

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



186, 132, 225



242, 110, 150



80, 170, 145



0, 94, 178

Sweetspot

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



186, 132, 225



242, 224, 255



132, 160, 225



120, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 132, 225



202, 128, 255



225, 132, 219



107, 101, 112



102, 0, 176



28, 0, 48

Inverse Universe

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



225, 132, 171



255, 128, 181



132, 219, 225



112, 101, 106



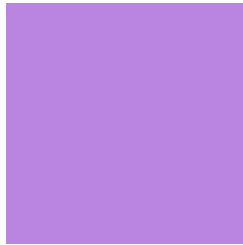
176, 0, 74



48, 0, 20

Previews

White Background



This preview shows how the RYB color 186, 132, 225 looks on a white background.

Color Contrast Check

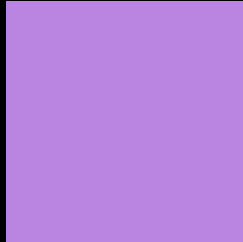
Large Text (above 18pt) WCAG AA × Fail

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, 132, 225 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, 132, 225 Background



This preview shows how black text looks on a background with the RYB color 186, 132, 225.

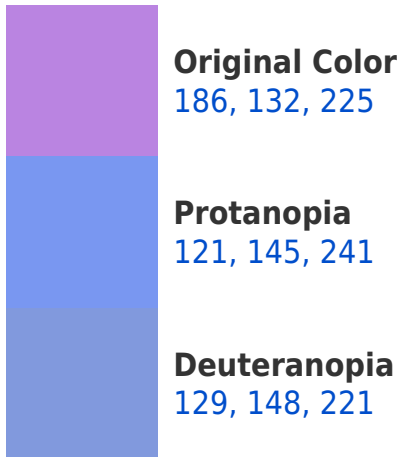


This preview shows how white text looks on a background with the RYB color 186, 132, 225.

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
175, 147, 158

Trichromacy



Original Color

186, 132, 225



Protanomaly

145, 144, 235



Deuteranomaly

150, 145, 222



Tritanomaly

179, 142, 182

Monochromacy



Original Color

186, 132, 225



Achromatopsia

159, 159, 159



Achromatomaly

169, 149, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 132, 225 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, 132, 225)` looks like.

```
.text, #text, p{  
    color:rgb(186, 132, 225)  
}
```

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, 132, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 132, 225) }
```

Border

The CSS property to change the border of an element to RYB 186, 132, 225 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, 132, 225) }
```

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

```
.border{ border-color:rgb(186, 132, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 132, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 132, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 132, 225);  
box-shadow:4px 4px 4px 4px rgb(186, 132,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 186, 132, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 132, 225) }
```

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

```
.background{ background-color: rgb(186,  
132, 225) }
```

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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