

Converting Colors

`RYB(186, 146, 224)`

Have a look what the booklet for
RYB(186, 146, 224) contains.

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Color

R_YB(186, 146, 224)

Conversions

Conversions Part 1

Format	Color
Hex	BA92E0
RGB	186, 146, 224
RGB Percent	73%, 57%, 88%
CMY	0.2706, 0.4275, 0.1216
CMYK	0.17, 0.35, 0.00, 0.12
HSL	271°, 56%, 73%
HSV	271°, 35%, 88%
XYZ	43.9831, 36.3787, 75.2246
YIQ	166.8520, -1.1980, 32.7380

Conversions

Conversions Part 2

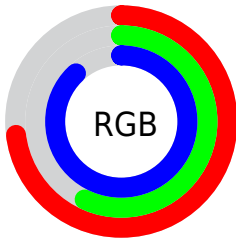
Format	Color
R_{YB}	186, 146, 224
Decimal	12227296
CIE _{Lab}	66.81, 29.81, -34.03
CIE _{LCh}	67, 45.241, 311.214
Yxy	36.3787, 0.2827, 0.2338
Android (android.graphics.Color)	4290417376 (0xFFBA92E0)
YUV	166.8520, 28.1740, 16.7928
Hunter-Lab	60.3147, 24.6162, -31.7262

Details

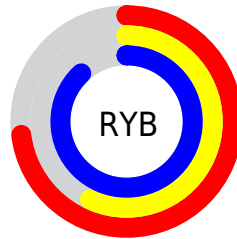
The RYB color **186, 146, 224** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **146, 224, 186**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **243, 200, 255**, and **132, 95, 168** is the 20% darker color. If you saturate the color by 10%, you get **175, 124, 224**, and if you desaturate by 10%, it is **197, 168, 224**.

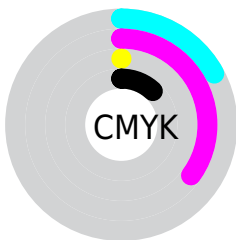
Distribution



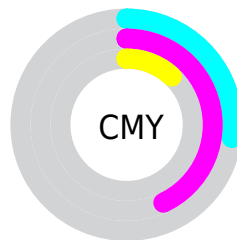
- Red (73%)
- Green (57%)
- Blue (88%)



- Red (73%)
- Yellow (57%)
- Blue (88%)



- Cyan (17%)
- Magenta (35%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (43%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 146, 224 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, 146, 224 by changing the saturation by 10% instead.


 186, 146, 224

255, 255, 255

 243, 200, 255

 255, 229, 255

 186, 146, 224


 158, 120, 196

 132, 95, 168

 105, 71, 142

 80, 47, 116

 55, 25, 91

 31, 3, 67


 2, 0, 44

 0, 1, 23


 0, 0, 0

 186, 146, 224


 186, 146, 224

 175, 124, 224

 197, 168, 224

 164, 101, 224


 208, 191, 224

 153, 79, 224


 219, 213, 224

 142, 56, 224


 224, 236, 230

 131, 34, 224

 224, 255, 238

 121, 12, 224

 224, 255, 228

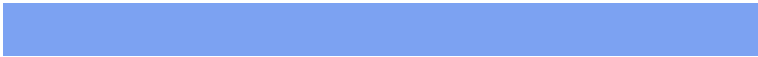
 115, 0, 224

 224, 255, 224

Harmonies

Analogous

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



124, 153, 242



186, 146, 224



225, 133, 190

Triad

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



186, 146, 224



194, 209, 85



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.



186, 146, 224



146, 224, 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.



70, 141, 182



186, 146, 224



89, 173, 80

Square

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



186, 146, 224



233, 144, 111



99, 176, 147



0, 98, 215

Rectangle

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



186, 146, 224



237, 129, 162



99, 176, 147



0, 97, 183

Sweetspot

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



186, 146, 224



243, 230, 255



146, 172, 224



120, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 146, 224



203, 148, 255



224, 146, 224



107, 101, 112



90, 0, 176



25, 0, 48

Inverse Universe

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



224, 146, 184



255, 148, 200



146, 224, 224



112, 101, 106



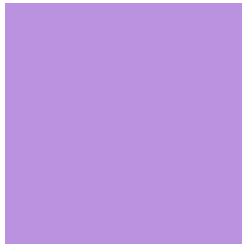
176, 0, 86



48, 0, 24

Previews

White Background



This preview shows how the RYB color 186, 146, 224 looks on a white background.

Color Contrast Check

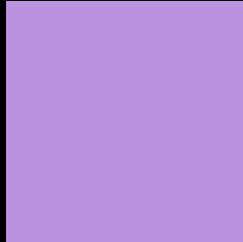
Large Text (above 18pt) WCAG AA × Fail

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, 146, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

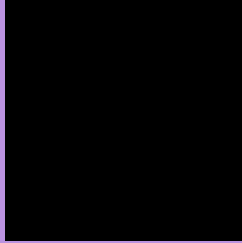
Any Text WCAG AA ✓ Pass

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, 146, 224 Background



This preview shows how black text looks on a background with the RYB color 186, 146, 224.

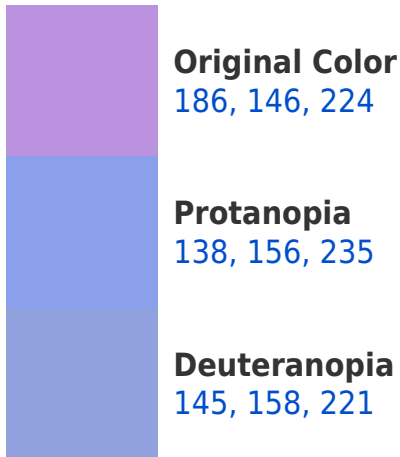


This preview shows how white text looks on a background with the RYB color 186, 146, 224.

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
177, 157, 169

Trichromacy



Original Color

186, 146, 224



Protanomaly

155, 155, 231



Deuteranomaly

160, 155, 222



Tritanomaly

180, 153, 189

Monochromacy



Original Color

186, 146, 224



Achromatopsia

167, 167, 167



Achromatomaly

174, 159, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 146, 224 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, 146, 224)` looks like.

```
.text, #text, p{  
    color:rgb(186, 146, 224)  
}
```

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, 146, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 146, 224) }
```

Border

The CSS property to change the border of an element to RYB 186, 146, 224 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, 146, 224) }
```

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

```
.border{ border-color:rgb(186, 146, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 146, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 146, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 146, 224); box-shadow:4px 4px 4px 4px rgb(186, 146, 224) }
```

Background

The CSS property to change the background color of an element to RYB 186, 146, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 146, 224) }
```

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

```
.background{ background-color: rgb(186,  
146, 224) }
```

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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