

Converting Colors

`RYB(182, 146, 174)`

Have a look what the booklet for RYB(182, 146, 174) contains.

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Color

R_YB(182, 146, 174)

Conversions

Conversions Part 1

Format	Color
Hex	B692AE
RGB	182, 146, 174
RGB Percent	71%, 57%, 68%
CMY	0.2863, 0.4275, 0.3176
CMYK	0.00, 0.20, 0.04, 0.29
HSL	313°, 20%, 64%
HSV	313°, 20%, 71%
XYZ	37.2103, 33.5588, 44.5607
YIQ	159.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

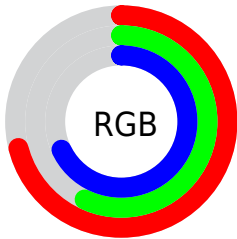
Format	Color
RYB	182, 146, 174
Decimal	11965102
CIELab	64.61, 18.31, -9.50
CIELCh	65, 20.632, 332.569
Yxy	33.5588, 0.3226, 0.2910
Android (android.graphics.Color)	4290155182 (0xFFB692AE)
YUV	159.9560, 6.9237, 19.3326
Hunter-Lab	57.9300, 13.2787, -5.0558

Details

The RYB color **182, 146, 174** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **146, 175, 182**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **238, 200, 229**, and **129, 95, 122** is the 20% darker color. If you saturate the color by 10%, you get **182, 128, 170**, and if you desaturate by 10%, it is **182, 164, 178**.

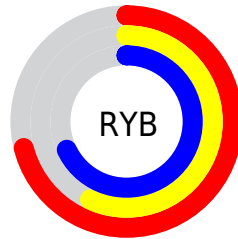
Distribution



Red (71%)

Green (57%)

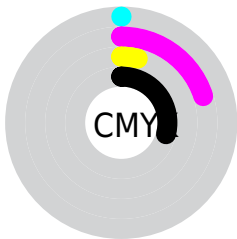
Blue (68%)



Red (71%)

Yellow (57%)

Blue (68%)

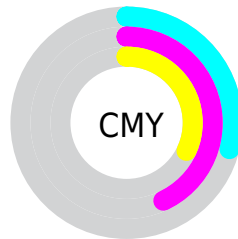


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (43%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 146, 174 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 182, 146, 174 by changing the saturation by 10% instead.

 182, 146, 174

255, 255, 255

 238, 200, 229

 255, 228, 255

 182, 146, 174

 155, 120, 147

 129, 95, 122

 103, 71, 97

 79, 48, 73


 56, 27, 50

 34, 3, 29

 0, 0, 1

 0, 0, 0

 182, 146, 174

 182, 146, 174

182, 128, 170

182, 164, 178

182, 110, 166

182, 182, 182

182, 91, 162

182, 198, 201

182, 73, 158

182, 212, 219

182, 55, 154

182, 227, 237

182, 37, 150

182, 242, 255

182, 19, 146

182, 239, 255

182, 0, 142

182, 237, 255

182, 235, 255

Harmonies

Analogous

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



162, 151, 188



182, 146, 174



193, 144, 156

Triad

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



182, 146, 174



138, 169, 120



105, 138, 176

Complementary

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



182, 146, 174



146, 175, 182

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.



111, 141, 167



182, 146, 174



125, 162, 138

Square

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



182, 146, 174



185, 168, 125



128, 157, 166



115, 144, 189

Rectangle

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



182, 146, 174



195, 144, 143



128, 157, 166



105, 137, 170

Sweetspot

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



182, 146, 174



237, 223, 234



154, 146, 182



120, 111, 118



247, 247, 247



120, 120, 120

Same Dimension

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



182, 146, 174



237, 180, 225



182, 146, 156



92, 83, 90



156, 0, 121



28, 0, 22

Inverse Universe

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



182, 146, 174



237, 180, 225



146, 167, 182



92, 83, 90



156, 0, 121



28, 0, 22

Previews

White Background



This preview shows how the RYB color 182, 146, 174 looks on a white background.

Color Contrast Check

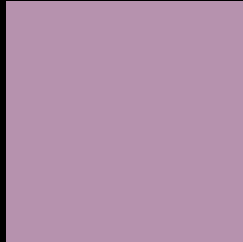
Large Text (above 18pt) WCAG AA × Fail

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 182, 146, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

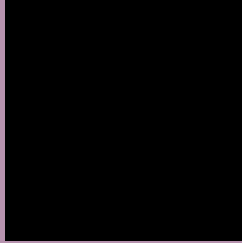
Any Text WCAG AA ✓ Pass

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 182, 146, 174 Background



This preview shows how black text looks on a background with the RYB color 182, 146, 174.



This preview shows how white text looks on a background with the RYB color 182, 146, 174.

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



Original Color
182, 146, 174

Protanopia
153, 156, 180

Deuteranopia
165, 153, 173



Tritanopia
180, 148, 160

Trichromacy



Original Color

182, 146, 174

Protanomaly

164, 152, 178

Deuteranomaly

171, 150, 173

Tritanomaly

181, 147, 165

Monochromacy



Original Color

182, 146, 174

Achromatopsia

160, 160, 160

Achromatomaly

168, 155, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 146, 174 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(182, 146, 174) looks like.

```
.text, #text, p{  
    color:rgb(182, 146, 174)  
}
```

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(182, 146, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 146, 174) }
```

Border

The CSS property to change the border of an element to RYB 182, 146, 174 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(182, 146, 174) }
```

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

```
.border{ border-color:rgb(182, 146, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 146, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 146, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 146, 174);  
box-shadow:4px 4px 4px 4px rgb(182, 146,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 182, 146, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 146, 174) }
```

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

```
.background{ background-color: rgb(182,  
146, 174) }
```

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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