

Converting Colors

`RYB(181, 146, 164)`

Have a look what the booklet for
RYB(181, 146, 164) contains.

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Color

$\text{RYB}(181, 146, 164)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B592A4 |
| RGB | 181, 146, 164 |
| RGB Percent | 71%, 57%, 64% |
| CMY | 0.2902, 0.4275, 0.3569 |
| CMYK | 0.00, 0.19, 0.09, 0.29 |
| HSL | 329°, 19%, 64% |
| HSV | 329°, 19%, 71% |
| XYZ | 36.0358, 33.0619, 39.6042 |
| YIQ | 158.5170, 15.0820, 13.0180 |

Conversions

Conversions Part 2

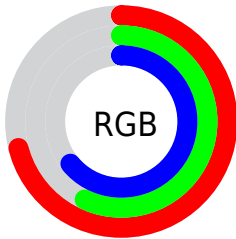
| Format | Color |
|-------------------------------------|--|
| RYB | 181, 146, 164 |
| Decimal | 11899556 |
| CIELab | 64.21, 16.15, -4.47 |
| CIElCh | 64, 16.754, 344.523 |
| Yxy | 33.0619, 0.3315, 0.3042 |
| Android (android.graphics.Color) | 4290089636 (0xFFB592A4) |
| YUV | 158.5170, 2.7031, 19.7176 |
| Hunter-Lab | 57.4994, 11.2446, -0.5879 |

Details

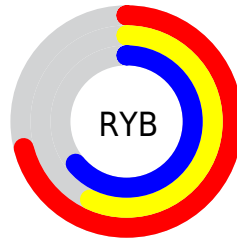
The RYB color **181, 146, 164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **146, 170, 181**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **237, 200, 219**, and **128, 95, 112** is the 20% darker color. If you saturate the color by 10%, you get **181, 128, 155**, and if you desaturate by 10%, it is **181, 164, 173**.

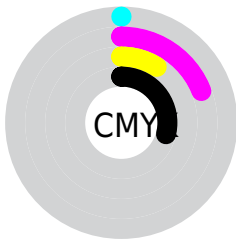
Distribution



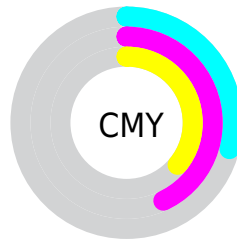
- Red (71%)
- Green (57%)
- Blue (64%)



- Red (71%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (29%)



- Cyan (29%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 146, 164 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 181, 146, 164 by changing the saturation by 10% instead.


 181, 146, 164

255, 255, 255

 237, 200, 219

 255, 228, 247

 181, 146, 164

 154, 120, 138

 128, 95, 112

 102, 71, 88

 78, 49, 65


 55, 27, 43


 34, 3, 22


 0, 0, 0


 181, 146, 164


 181, 128, 155


 181, 146, 164


 181, 164, 173


 181, 110, 146


 181, 182, 182

 181, 92, 138


 181, 194, 200

 181, 74, 129


 181, 206, 218


 181, 55, 120


 181, 219, 237


 181, 37, 111


 181, 231, 255

 181, 19, 102

 181, 227, 255

 181, 1, 94

 181, 224, 255

 181, 0, 93

 181, 221, 255

Harmonies

Analogous

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



167, 149, 177



181, 146, 164



187, 145, 149

Triad

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



181, 146, 164



130, 160, 127



117, 143, 176

Complementary

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



181, 146, 164



146, 170, 181

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.



117, 141, 164



181, 146, 164



134, 161, 152

Square

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



181, 146, 164



171, 175, 127



127, 151, 164



129, 148, 184

Rectangle

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



181, 146, 164



186, 149, 139



127, 151, 164



116, 142, 172

Sweetspot

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



181, 146, 164



235, 221, 228



163, 146, 181



117, 109, 113



245, 245, 245



117, 117, 117

Same Dimension

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



181, 146, 164



235, 181, 208



181, 146, 147



89, 80, 85



153, 0, 79



26, 0, 13

Inverse Universe

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



181, 146, 164



235, 181, 208



146, 164, 181



89, 80, 85



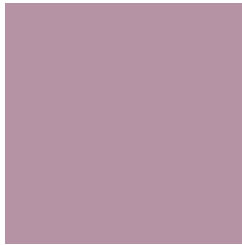
153, 0, 79



26, 0, 13

Previews

White Background



This preview shows how the RYB color 181, 146, 164 looks on a white background.

Color Contrast Check

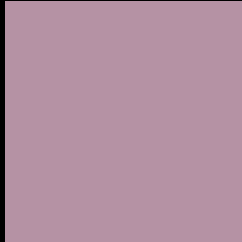
Large Text (above 18pt) WCAG AA × Fail

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 181, 146, 164 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 181, 146, 164 Background



This preview shows how black text looks on a background with the RYB color 181, 146, 164.



This preview shows how white text looks on a background with the RYB color 181, 146, 164.

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
181, 146, 164

Protanopia
155, 155, 169

Deuteranopia
168, 151, 163



Tritanopia
180, 147, 158

Trichromacy



Original Color
181, 146, 164

Protanomaly
164, 152, 167

Deuteranomaly
173, 149, 163

Tritanomaly
180, 147, 160

Monochromacy



Original Color
181, 146, 164

Achromatopsia
159, 159, 159

Achromatomaly
167, 154, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 146, 164 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(181, 146, 164) looks like.

```
.text, #text, p{  
    color:rgb(181, 146, 164)  
}
```

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(181, 146, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 146, 164) }
```

Border

The CSS property to change the border of an element to RYB 181, 146, 164 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(181, 146, 164) }
```

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

```
.border{ border-color:rgb(181, 146, 164) }
```

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

Here you see how a box with a 4 pixel rgb(181, 146, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 146, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 146, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 146,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 181, 146, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 146, 164) }
```

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

```
.background{ background-color: rgb(181,  
146, 164) }
```

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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